From: Byers, Harris <Harris.Byers@stantec.com>
Sent: Friday, July 31, 2020 3:12 PM
To: Beggs, Tauren R - DNR
Cc: Adam Tegen
Subject: RE: Characterization of Fill Targeted to River Point District (Manitowoc, Wisconsin)

Thanks for the response.

I concur the material (except the peat/organic-rich horizon) is ok for use.

Sincerely,

Harris Byers, Ph.D.
Sr. Brownfields Project Manager

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649

From: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Sent: Friday, July 31, 2020 3:05 PM
To: Byers, Harris <Harris.Byers@stantec.com>
Cc: Adam Tegen <ategen@manitowoc.org>
Subject: RE: Characterization of Fill Targeted to River Point District (Manitowoc, Wisconsin)

Hi Harris,

As stated before, I can't approve soil to a site without a fee or as part of review through the VPLE process. Based on a quick look: for metals, it appears less than BTVs. The PAHs have individual exceedances but your calculations didn't have a cumulative exceedance. This is not considered exempt material, but may be still be okay for use. Please refer to the guidance document Exempt Soil Management: https://dnr.wi.gov/files/PDF/pubs/rr/RR103.pdf.

Regards,

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Tauren R. Beggs
Phone: (920) 366-5739 (Temporary Work Number)
Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

From: Byers, Harris <Harris.Byers@stantec.com>
Sent: Friday, July 31, 2020 9:05 AM
To: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Cc: Adam Tegen <ategen@manitowoc.org>
Subject: RE: Characterization of Fill Targeted to River Point District (Manitowoc, Wisconsin)

Tauren:

I wanted to follow up on this letter report to see if we can get your concurrence this morning on the material described in the letter report from Tuesday. The contractor called and will be hauling on Monday – and needs to know where to put the material.

The quality of the material seems reasonable; I think the City was just looking for some level of concurrence from you before accepting.

I tried calling your cell, but was not able to leave a voicemail.

Sincerely,
Harris Byers, Ph.D.
Sr. Brownfields Project Manager

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649

From: Byers, Harris
Sent: Tuesday, July 28, 2020 4:02 PM
To: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Cc: Adam Tegen <ategen@manitowoc.org>
Subject: Characterization of Fill Targeted to River Point District (Manitowoc, Wisconsin)

Tauren:

The attached letter report summarizes the results of recent characterization of spoil to be generated during infrastructure upgrades in Manitowoc. The City is targeting the soil for placement on the River Point District (former CN) property in the NON-VPLE areas.

Can you please review the attached for concurrence the material is of appropriate quality for use as fill on River Point. The peat unit does not meet engineering standards and will not be placed on the property. The contractor would like to start moving soils by Thursday, if possible.

Sincerely.
Harris Byers, Ph.D.
Sr. Brownfields Project Manager

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649

Stantec Consulting Services Inc.
12075 Corporate Parkway Suite 200, Mequon WI 53092-2649

July 28, 2020
File: 193702757

Attention: Mr. Adam Tegen
Community Development Director
900 Quay Street
Manitowoc, WI 54220

Dear Mr. Tegen,

Reference: Sampling of Excavation Soil Along Maritime Drive, Manitowoc, Wisconsin

Stantec Consulting Services Inc. (Stantec) has prepared this letter report following collection and laboratory analysis of soil samples from active excavations and soil piles along Maritime Drive. The purpose of this sampling was to characterize representative soil targeted as potential fill for the River Point District property.

BACKGROUND

Vinton Construction Company (Vinton) is completing utility work along Maritime Drive concurrent with replacement of the driving surface. The project is expected to generate roughly 2,000 cubic yards of excess soil that Vinton has offered to the City of Manitowoc for fill at the River Point District property. As the River Point District is undergoing investigation under chapter NR 700 of the Wisconsin Administrative Code (WAC), and at the recommendation of the Wisconsin Department of Natural Resources Project Manager (Tauren Beggs), sampling of representative soil prior to placement on the River Point District property was warranted.

METHODS

Stantec met onsite with Vinton on July 17, 2020 and collected multiple discrete soil samples of soils Vinton considered representative of potential fill for the Riverpoint District property. Soil samples were collected from sidewalls of open/active excavations and/or from stockpiles of soils adjacent to previously completed excavations. Sample locations are illustrated on Figure 1 and further summarized below.

Sample ID	Sample Location and Soil Type (USCS)	Sample Interval (feet below ground surface [ft bgs])	Photograph (Attachment A)
GS-1	Sidewall of an active excavation, SP	2 – 3 ft bgs	Attachment A, Photo No. 1

Reference: **Sampling of Excavation Soil Along Maritime Drive, Manitowoc, Wisconsin**

Sample ID	Sample Location and Soil Type (USCS)	Sample Interval (feet below ground surface [ft bgs])	Photograph (Attachment A)
GS-2	Bottom of an active excavation, SC	6 – 7 ft bgs	Attachment A, Photo No. 2
GS-3	Sidewall of an active excavation, SM	4 – 5 ft bgs	Attachment A, Photo No. 3
GS-4	Surface of Existing Soil Pile, PT	3 – 4 ft bgs	Attachment A, Photo No. 4

Soil from each sample location was submitted to Eurofins TestAmerica (Chicago, Illinois) under chain-of-custody procedures for eight Resource Conservation and Recovery Act (RCRA) metals, polycyclic aromatic hydrocarbon (PAH), and volatile organic compound (VOC) analysis. The laboratory report is provided in Attachment B and detected constituents compared to ch. NR 720 WAC health-based residual contaminant limits (RCL) and background threshold values (BTV) on Table 1.

RESULTS

Soils encountered appear to be native or reworked native soils with varying quantities of fines. As summarized on Table 1, photoionization detector measurements were all less than 1 instrument unit. Additionally, as noted on Table 1, the concentrations of detected VOCs in soil samples were all less than the most restrictive health-based RCLs.

The concentrations of arsenic, lead, and selenium (known naturally occurring heavy metals) in soil were greater than select health-based RCLs; however, all concentrations were less than respective BTVs suggesting the arsenic, lead, and selenium detections in soil are not likely associated with a hazardous substance discharge.

Benzo(a)pyrene and chrysene were detected in soil from GS-3 at trace concentrations slightly greater than the NR 720 WAC non-industrial direct contact RCL (benzo(a)pyrene) and the NR720 groundwater protection RCL (chrysene). To assess the cumulative impact of the PAH detections, particularly the carcinogenic PAHs (cPAHs), a risk assessment using the WDNR's cPAH calculator was completed (see Attachment C for the calculations and Table 1 for the results). The soil sampled from GS-3, despite detections of concentrations above health-based RCLs, does not pose a cumulative PAH risk.

CONCLUSIONS

As detected constituent concentrations in native soil Vinton considered representative of potential fill for the River Point District property are less than applicable health-based RCLs, applicable BTVs, and/or below cPAH cumulative risk calculated values, soil from the Maritime Drive project appears appropriate for use as

Reference: **Sampling of Excavation Soil Along Maritime Drive, Manitowoc, Wisconsin**

fill at the River Point District property. We recommend the peat unit encountered at GS-4 not be accepted as fill due to possible compaction issues. A soil/material management plan should be used to further guide quality/placement/segregation of soil onsite.

Please be aware that two portions of the Riverpoint District (referred to as Area B-1 and B-2) will be enrolled in the Voluntary Party Liability Exemption (VPLE) program. The VPLE committee may require additional sampling of imported fill to confirm the suitability for use in B-1 and B-2. Fill should not be placed on Area B-1 and B-2 without prior approval from the VPLE committee.

Regards,

Stantec Consulting Services Inc.

Harris L. Byers, Ph.D.
Sr. Brownfields Project Manager
Tel: 414-581-6476
Email: harris.byers@stantec.com

Erin N. Gross, PG
Staff Geologist
Tel: 608-628-6278
Email: erin.gross@stantec.com

Richard J. Binder, PG
Senior Associate
Tel: 262 643-9010
Email: rick.binder@stantec.com

Attachment: Figure 1
Table 1
A – Photographic Documentation
B – Laboratory Report
C – cPAH Calculations

LIMITATIONS

This soil sampling was performed in accordance with generally accepted practices of the profession for performing similar studies at the same time and in the same geographical area. Stantec observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

Stantec observations, findings, and opinions must not be considered as scientific certainties, but only an opinion based on our professional judgment concerning the significance of the data gathered during the course of the investigation. Specifically, Stantec does not and cannot represent that the soil contains no hazardous or toxic materials or other latent condition beyond that observed by Stantec. Further, Stantec does not warrant that this submittal represents an exhaustive study of all possible environmental concerns at the project area.

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TABLE

Design with community in mind

Table 1
Detected Constituents in Soil
Maritime Drive Water Main Replacement
Manitowoc, WI

Sample Location					GS-1	GS-2	GS-3	GS-4	Trip Blank
Sample Date					7/17/20	7/17/20	7/17/20	7/17/20	7/17/20
Sample ID					GS-1 2-3'	GS-2 6-7'	GS-3 4-5'	GS-4 3-4'	Trip Blank
Sample Depth					2 - 3 ft	6 - 7 ft	4 - 5 ft	3 - 4 ft	N/A
PID Reading					0.3 IU	0.5 IU	0.0 IU	0.5 IU	N/A
Sample Type and USCS Classification	**Units**	**Wisconsin DC- NI RCL**	**Wisconsin DC- I RCL**	**Wisconsin GW RCL**	**SP**	**SC**	**SM**	**PT**	**N/A**
RCRA Metals (EPA Method 6010B & 7471A)									
Arsenic	mg/kg	0.677 (8)	3.0 (8)	0.584 (8)	0.90 J	1.7	2.0	1.6	--
Barium	mg/kg	15,300 (364)	100,000 (364)	164.8 (364)	10	26	30	68	--
Cadmium	mg/kg	71.1 (1)	985 (1)	0.752 (1)	0.086 J	0.11 J	0.20	0.37	--
Chromium	mg/kg	100,000, 0.301 Cr VI (44)	100,000, 6.36 Cr VI (44)	360,000 (if no Cr VI)	5.7	12	9.5	16	--
Lead	mg/kg	400 (52)	800 (52)	27 (52)	3.4	3.8	40	7.0	--
Selenium	mg/kg	391	5,840	0.52	<0.69	<0.62	<0.59	0.75 J	--
Silver	mg/kg	391	5,840	0.8491	<0.15	<0.14	<0.13	<0.16	--
Mercury	mg/kg	3.13	3.13	0.208	0.0067 J	<0.0060	0.022	0.019 J	--
Polycyclic Aromatic Hydrocarbons (EPA Method 8270D)									
1-Methylnaphthalene	mg/kg	17.6	72.7	n/v	<0.0099	<0.0099	0.04 J	<0.011	--
2-Methylnaphthalene	mg/kg	239	3,010	n/v	<0.0075	<0.0075	0.027 J	<0.0084	--
Acenaphthene	mg/kg	3,590	45,200	n/v	<0.0073	<0.0073	0.023 J	<0.0083	--
Acenaphthylene	mg/kg	n/v	n/v	n/v	<0.0053	<0.0053	0.019 J	<0.0061	--
Anthracene	mg/kg	17,900	100,000	196.94	<0.0068	<0.0068	0.024 J	<0.0077	--
Benzo(a)anthracene	mg/kg	1.14	20.8	n/v	<0.0055	<0.0055	0.16	<0.0062	--
Benzo(a)pyrene	mg/kg	0.115	2.11	0.470	<0.0079	<0.0079	0.21	<0.0089	--
Benzo(b)fluoranthene	mg/kg	1.15	21.1	0.478	<0.0088	<0.0088	0.2	<0.0099	--
Benzo(g,h,i)perylene	mg/kg	n/v	n/v	n/v	<0.013	<0.013	0.081	<0.015	--
Benzo(k)fluoranthene	mg/kg	11.5	211	n/v	<0.012	<0.012	0.13	<0.014	--
Chrysene	mg/kg	115	2,110	0.144	<0.011	<0.011	0.21	<0.013	--
Dibenz(a,h)anthracene	mg/kg	0.115	2.11	n/v	<0.0078	<0.0078	0.015 J	<0.0089	--
Fluoranthene	mg/kg	2,390	30,100	88.877	<0.0075	<0.0075	0.59	<0.0085	--
Fluorene	mg/kg	2,390	30,100	14.829	<0.0057	<0.0057	0.025 J	<0.0065	--
Indeno(1,2,3-cd)pyrene	mg/kg	1.15	21.1	n/v	<0.011	<0.011	0.082	<0.012	--
Naphthalene	mg/kg	5.52	24.1	0.6582	<0.0062	<0.0062	0.034 J	<0.0071	--
Phenanthrene	mg/kg	n/v	n/v	n/v	<0.0057	<0.0057	0.48	<0.0064	--
Pyrene	mg/kg	1,790	22,600	54.546	<0.0081	<0.0081	0.34	<0.0091	--
cPAH Risk		5.0E-06	n/v	n/v	1.6E-07	1.6E-07	2.4E-06	1.8E-07	--
Exceedance Count		0	n/v	n/v	0	0	0	0	--
HI		1.0	n/v	n/v	0.0005	0.0005	0.0125	0.0006	--
Cumulative CR		1.0E-05	n/v	n/v	1.6E-07	1.6E-07	2.4E-06	1.8E-07	--
Volatile Organic Compounds (EPA Method 8260B)**									
Xylenes, Total	mg/kg	260	260	3.96	<0.016	<0.016	<0.013	0.022 J	<0.011

Notes:
WDNR soil RCL Summary table (December 2018) used to establish RCLs for GW protection and direct contact.
<x = compound not detected to a detection limit of x
DC-NI = WDNR Non-Industrial RCL for direct contact risk
DC - I = WDNR Industrial RCL for direct contact risk
GW RCL = WDNR RCL for protection of groundwater
n/v = no value established by WAC (Wis. Adm. Code) or WDNR Soil RCL Summary Table
IU = instrument units as isobutylene

RCL = residual contaminant level
RL = reporting limit
MDL = method detection limit
J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
mg/kg = milligrams per kilogram
-- = not sampled

** Only VOC detections are summarized on Table 1. See laboratory results for the full suite of results, in Attachment B.

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FIGURE

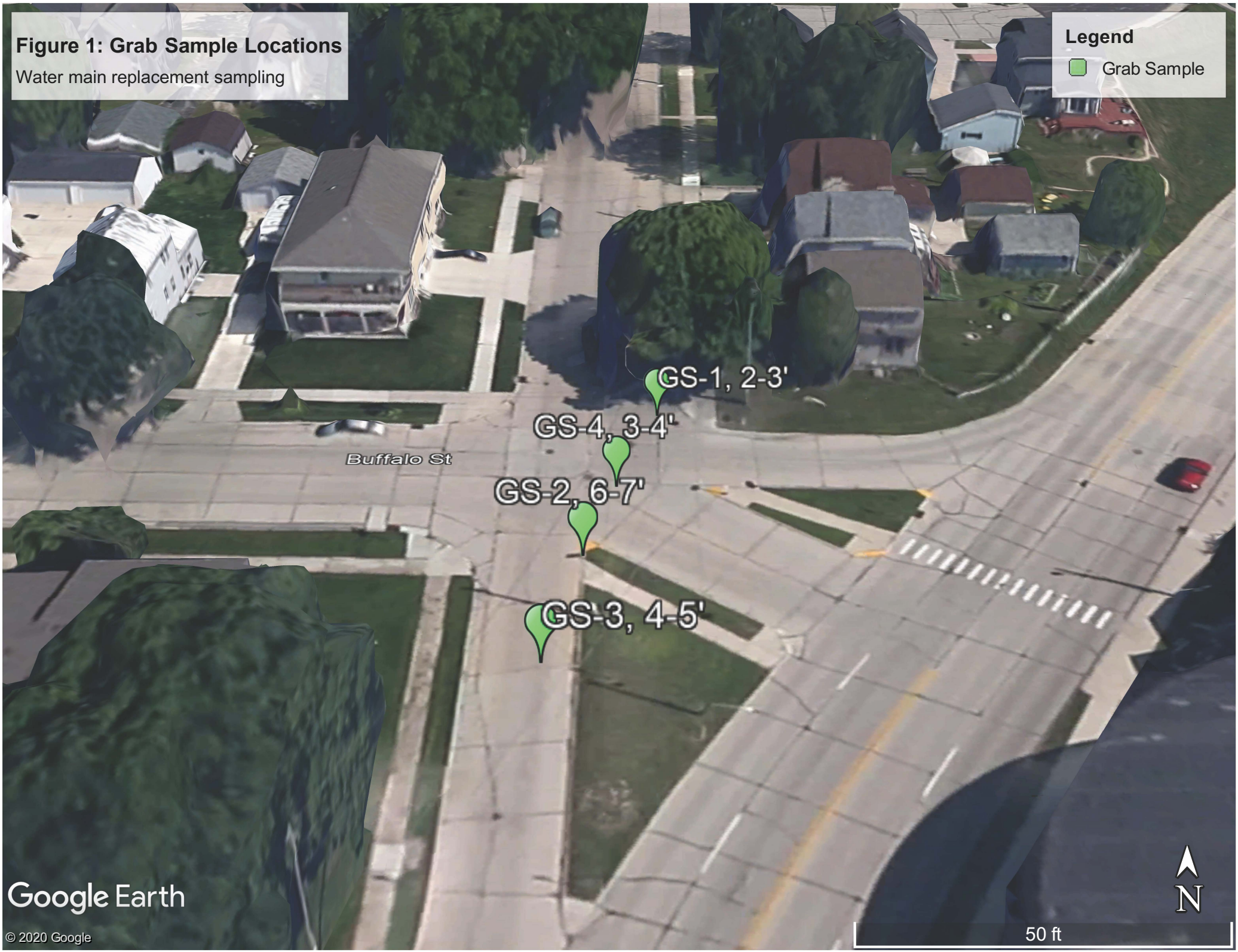
Figure 1: Grab Sample Locations
Water main replacement sampling
Legend
Grab Sample
GS-1, 2-3'
GS-4, 3-4'
Buffalo St
GS-2, 6-7'
GS-3, 4-5'
Google Earth
© 2020 Google
N
50 ft

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ATTACHMENT A

Photographic Documentation

Design with community in mind

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Photographic Log

Client:	**City of Manitowoc**	**Project:**	**193702757**
Site Name:	**Maritime Drive Sampling**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 1

Photo Location:
GS-1

Direction:
Looking west

Survey Date:
7/17/2020

Comments:
GS-1 was collected approximately two to three feet below ground surface (ft bgs).

Photograph ID: 2

Photo Location:
GS-2

Direction:
Looking west

Survey Date:
7/17/2020

Comments:
GS-2 was collected approximately six to seven ft bgs.

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Photographic Log

Client:	**City of Manitowoc**	**Project:**	**193702757**
Site Name:	**Maritime Drive Sampling**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 3

Photo Location:
GS-3

Direction:
Looking south

Survey Date:
7/17/2020

Comments:
GS-3 was collected approximately four to five ft bgs.

Photograph ID: 4

Photo Location:
GS-4

Direction:
Looking north

Survey Date:
7/17/2020

Comments:
GS-3 was collected approximately three to four ft bgs. It consisted of a peaty soil.

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ATTACHMENT B

Laboratory Reports

Design with community in mind

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-185134-1
Client Project/Site: Maritime Dr. - 193702757

For:
Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Erin Gross

Authorized for release by:
7/23/2020 1:12:59 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

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Case Narrative

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Job ID: 500-185134-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-185134-1

Comments
No additional comments.

Receipt
The samples were received on 7/18/2020 10:10 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method 8260B: The laboratory control sample (LCS) for 552968 recovered outside control limits for several analytes. This is a prepped 5035 LCS. The daily instrument LCS was acceptable, and the data have been reported.GS-1 (500-185134-1), GS-2 (500-185134-2), GS-3 (500-185134-3), GS-4 (500-185134-4) and Trip Blank (500-185134-5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-1 — Lab Sample ID: 500-185134-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.90	J	1.2	0.40	mg/Kg	1	☼	6010C	Total/NA
Barium	10		1.2	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.086	J	0.23	0.042	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.7		1.2	0.58	mg/Kg	1	☼	6010C	Total/NA
Lead	3.4		0.59	0.27	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.0067	J	0.020	0.0067	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: GS-2 — Lab Sample ID: 500-185134-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.7		1.1	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	26		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	12		1.1	0.52	mg/Kg	1	☼	6010C	Total/NA
Lead	3.8		0.53	0.24	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: GS-3 — Lab Sample ID: 500-185134-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	40	J	70	8.5	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	27	J	70	6.4	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	23	J	35	6.3	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	19	J	35	4.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	24	J	35	5.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	160		35	4.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	210		35	6.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	200		35	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	81		35	11	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	130		35	10	ug/Kg	1	☼	8270D	Total/NA
Chrysene	210		35	9.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	15	J	35	6.7	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	590		35	6.5	ug/Kg	1	☼	8270D	Total/NA
Fluorene	25	J	35	4.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	82		35	9.0	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	34	J	35	5.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	480		35	4.9	ug/Kg	1	☼	8270D	Total/NA
Pyrene	340		35	6.9	ug/Kg	1	☼	8270D	Total/NA
Arsenic	2.0		1.0	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	30		1.0	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.20		0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.5		1.0	0.49	mg/Kg	1	☼	6010C	Total/NA
Lead	40		0.50	0.23	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.022		0.017	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: GS-4 — Lab Sample ID: 500-185134-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	22	J	51	22	ug/Kg	50	☼	8260B	Total/NA
Arsenic	1.6		1.3	0.43	mg/Kg	1	☼	6010C	Total/NA
Barium	68		1.3	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.37		0.25	0.045	mg/Kg	1	☼	6010C	Total/NA
Chromium	16		1.3	0.62	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-4 (Continued)

Lab Sample ID: 500-185134-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.0		0.63	0.29	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.75	J	1.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.019	J	0.023	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-185134-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010C	Metals (ICP)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-185134-1	GS-1	Solid	07/17/20 11:00	07/18/20 10:10	
500-185134-2	GS-2	Solid	07/17/20 12:00	07/18/20 10:10	
500-185134-3	GS-3	Solid	07/17/20 12:45	07/18/20 10:10	
500-185134-4	GS-4	Solid	07/17/20 12:50	07/18/20 10:10	
500-185134-5	Trip Blank	Solid	07/17/20 00:00	07/18/20 10:10	

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-1
Date Collected: 07/17/20 11:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-1
Matrix: Solid
Percent Solids: 80.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		74	34	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1,2,2-Tetrachloroethane	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1-Dichloroethane	<30	*	74	30	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1-Dichloroethene	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,1-Dichloropropene	<22		74	22	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2,4-Trimethylbenzene	<26		74	26	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2-Dibromoethane	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2-Dichloroethane	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,2-Dichloropropane	<32	*	74	32	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,3-Dichloropropane	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
2,2-Dichloropropane	<33		74	33	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
2-Chlorotoluene	<23		74	23	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
4-Chlorotoluene	<26		74	26	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Benzene	<11	*	18	11	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Bromobenzene	<26		74	26	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Bromochloromethane	<32	*	74	32	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Bromodichloromethane	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Bromoform	<36		74	36	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Bromomethane	<59		220	59	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Carbon tetrachloride	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Chlorobenzene	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Chloroethane	<37		74	37	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Chloroform	<27		150	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Chloromethane	<24		74	24	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Dibromochloromethane	<36		74	36	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Dibromomethane	<20		74	20	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Ethylbenzene	<14		18	14	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Hexachlorobutadiene	<33		74	33	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Isopropyl ether	<20		74	20	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Isopropylbenzene	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Methylene Chloride	<120		370	120	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Naphthalene	<25		74	25	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
n-Butylbenzene	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
N-Propylbenzene	<31		74	31	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
p-Isopropyltoluene	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50

Client Sample ID: GS-1
Date Collected: 07/17/20 11:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-1
Matrix: Solid
Percent Solids: 80.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Styrene	<28		74	28	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
tert-Butylbenzene	<29		74	29	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Tetrachloroethene	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Toluene	<11		18	11	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Trichloroethene	<12	*	37	12	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Trichlorofluoromethane	<32		74	32	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Vinyl chloride	<19	*	74	19	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50
Xylenes, Total	<16		37	16	ug/Kg	☼	07/17/20 11:00	07/22/20 02:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*07/17/20 11:00*	*07/22/20 02:17*	*50*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*	*07/17/20 11:00*	*07/22/20 02:17*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*07/17/20 11:00*	*07/22/20 02:17*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*07/17/20 11:00*	*07/22/20 02:17*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.9		82	9.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Anthracene	<6.8		40	6.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Benzo[a]pyrene	<7.9		40	7.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Benzo[b]fluoranthene	<8.8		40	8.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Chrysene	<11		40	11	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Fluoranthene	<7.5		40	7.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Phenanthrene	<5.7		40	5.7	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1
Pyrene	<8.1		40	8.1	ug/Kg	☼	07/20/20 19:22	07/21/20 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*68*		*43 - 145*	*07/20/20 19:22*	*07/21/20 10:06*	*1*
Nitrobenzene-d5 (Surr)	*51*		*37 - 147*	*07/20/20 19:22*	*07/21/20 10:06*	*1*
Terphenyl-d14 (Surr)	*104*		*42 - 157*	*07/20/20 19:22*	*07/21/20 10:06*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.90**	**J**	1.2	0.40	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1
Barium	**10**		1.2	0.13	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1
Cadmium	**0.086**	**J**	0.23	0.042	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1
Chromium	**5.7**		1.2	0.58	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-1
Date Collected: 07/17/20 11:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-1
Matrix: Solid
Percent Solids: 80.9

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.4**		0.59	0.27	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1
Selenium	<0.69		1.2	0.69	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1
Silver	<0.15		0.59	0.15	mg/Kg	☼	07/21/20 17:24	07/22/20 09:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0067**	**J**	0.020	0.0067	mg/Kg	☼	07/21/20 13:05	07/22/20 09:21	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-2
Date Collected: 07/17/20 12:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-2
Matrix: Solid
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<35		75	35	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1,1-Trichloroethane	<28		75	28	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1,2,2-Tetrachloroethane	<30		75	30	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1,2-Trichloroethane	<26		75	26	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1-Dichloroethane	<31	*	75	31	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1-Dichloroethene	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,1-Dichloropropene	<22		75	22	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2,3-Trichlorobenzene	<34		75	34	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2,4-Trichlorobenzene	<26		75	26	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2,4-Trimethylbenzene	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2-Dibromoethane	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2-Dichlorobenzene	<25		75	25	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2-Dichloroethane	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,2-Dichloropropane	<32	*	75	32	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,3,5-Trimethylbenzene	<28		75	28	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,3-Dichlorobenzene	<30		75	30	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,3-Dichloropropane	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
1,4-Dichlorobenzene	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
2,2-Dichloropropane	<33		75	33	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
2-Chlorotoluene	<24		75	24	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
4-Chlorotoluene	<26		75	26	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Benzene	<11	*	19	11	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Bromobenzene	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Bromochloromethane	<32	*	75	32	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Bromodichloromethane	<28		75	28	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Bromoform	<36		75	36	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Bromomethane	<60		220	60	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Carbon tetrachloride	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Chlorobenzene	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Chloroethane	<38		75	38	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Chloroform	<28		150	28	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Chloromethane	<24		75	24	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
cis-1,2-Dichloroethene	<31		75	31	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
cis-1,3-Dichloropropene	<31		75	31	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Dibromochloromethane	<37		75	37	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Dibromomethane	<20		75	20	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Dichlorodifluoromethane	<51		220	51	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Ethylbenzene	<14		19	14	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Hexachlorobutadiene	<33		75	33	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Isopropyl ether	<21		75	21	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Isopropylbenzene	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Methyl tert-butyl ether	<30		75	30	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Methylene Chloride	<120		370	120	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Naphthalene	<25		75	25	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
n-Butylbenzene	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
N-Propylbenzene	<31		75	31	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
p-Isopropyltoluene	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50

Client Sample ID: GS-2
Date Collected: 07/17/20 12:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-2
Matrix: Solid
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<30		75	30	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Styrene	<29		75	29	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
tert-Butylbenzene	<30		75	30	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Tetrachloroethene	<28		75	28	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Toluene	<11		19	11	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
trans-1,2-Dichloroethene	<26		75	26	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
trans-1,3-Dichloropropene	<27		75	27	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Trichloroethene	<12	*	37	12	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Trichlorofluoromethane	<32		75	32	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Vinyl chloride	<20	*	75	20	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50
Xylenes, Total	<16		37	16	ug/Kg	☼	07/17/20 12:00	07/22/20 02:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*07/17/20 12:00*	*07/22/20 02:42*	*50*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*	*07/17/20 12:00*	*07/22/20 02:42*	*50*
Dibromofluoromethane (Surr)	*95*		*75 - 120*	*07/17/20 12:00*	*07/22/20 02:42*	*50*
Toluene-d8 (Surr)	*98*		*75 - 120*	*07/17/20 12:00*	*07/22/20 02:42*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.9		82	9.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Anthracene	<6.8		40	6.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Benzo[a]pyrene	<7.9		40	7.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Benzo[b]fluoranthene	<8.8		40	8.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Chrysene	<11		40	11	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Fluoranthene	<7.5		40	7.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Phenanthrene	<5.7		40	5.7	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1
Pyrene	<8.1		40	8.1	ug/Kg	☼	07/20/20 19:22	07/21/20 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*43 - 145*	*07/20/20 19:22*	*07/21/20 10:33*	*1*
Nitrobenzene-d5 (Surr)	*87*		*37 - 147*	*07/20/20 19:22*	*07/21/20 10:33*	*1*
Terphenyl-d14 (Surr)	*96*		*42 - 157*	*07/20/20 19:22*	*07/21/20 10:33*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.7**		1.1	0.36	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1
Barium	**26**		1.1	0.12	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1
Cadmium	**0.11**	**J**	0.21	0.038	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1
Chromium	**12**		1.1	0.52	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-2
Date Collected: 07/17/20 12:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-2
Matrix: Solid
Percent Solids: 80.0

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**3.8**		0.53	0.24	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1
Silver	<0.14		0.53	0.14	mg/Kg	☼	07/21/20 17:24	07/22/20 09:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0060		0.018	0.0060	mg/Kg	☼	07/21/20 13:05	07/22/20 09:27	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-3
Date Collected: 07/17/20 12:45
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-3
Matrix: Solid
Percent Solids: 90.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		61	28	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1,1-Trichloroethane	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1,2,2-Tetrachloroethane	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1,2-Trichloroethane	<21		61	21	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1-Dichloroethane	<25	*	61	25	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1-Dichloroethene	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,1-Dichloropropene	<18		61	18	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2,3-Trichlorobenzene	<28		61	28	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2,4-Trichlorobenzene	<21		61	21	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2-Dibromoethane	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2-Dichlorobenzene	<20		61	20	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2-Dichloroethane	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,2-Dichloropropane	<26	*	61	26	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,3-Dichlorobenzene	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,3-Dichloropropane	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
1,4-Dichlorobenzene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
2,2-Dichloropropane	<27		61	27	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
2-Chlorotoluene	<19		61	19	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
4-Chlorotoluene	<21		61	21	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Benzene	<8.9	*	15	8.9	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Bromobenzene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Bromochloromethane	<26	*	61	26	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Bromodichloromethane	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Bromoform	<29		61	29	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Bromomethane	<48		180	48	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Carbon tetrachloride	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Chlorobenzene	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Chloroethane	<31		61	31	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Chloroform	<22		120	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Chloromethane	<19		61	19	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
cis-1,2-Dichloroethene	<25		61	25	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
cis-1,3-Dichloropropene	<25		61	25	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Dibromochloromethane	<30		61	30	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Dibromomethane	<16		61	16	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Ethylbenzene	<11		15	11	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Hexachlorobutadiene	<27		61	27	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Isopropyl ether	<17		61	17	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Isopropylbenzene	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Methylene Chloride	<99		300	99	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Naphthalene	<20		61	20	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
n-Butylbenzene	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
N-Propylbenzene	<25		61	25	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
p-Isopropyltoluene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50

Client Sample ID: GS-3

Date Collected: 07/17/20 12:45
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-3

Matrix: Solid
Percent Solids: 90.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Styrene	<23		61	23	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
tert-Butylbenzene	<24		61	24	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Tetrachloroethene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Toluene	<8.9		15	8.9	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
trans-1,2-Dichloroethene	<21		61	21	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
trans-1,3-Dichloropropene	<22		61	22	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Trichloroethene	<10	*	30	10	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Trichlorofluoromethane	<26		61	26	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Vinyl chloride	<16	*	61	16	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50
Xylenes, Total	<13		30	13	ug/Kg	☼	07/17/20 12:45	07/22/20 03:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*07/17/20 12:45*	*07/22/20 03:08*	*50*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*	*07/17/20 12:45*	*07/22/20 03:08*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*07/17/20 12:45*	*07/22/20 03:08*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*07/17/20 12:45*	*07/22/20 03:08*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**40**	**J**	70	8.5	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
2-Methylnaphthalene	**27**	**J**	70	6.4	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Acenaphthene	**23**	**J**	35	6.3	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Acenaphthylene	**19**	**J**	35	4.6	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Anthracene	**24**	**J**	35	5.8	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Benzo[a]anthracene	**160**		35	4.7	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Benzo[a]pyrene	**210**		35	6.7	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Benzo[b]fluoranthene	**200**		35	7.5	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Benzo[g,h,i]perylene	**81**		35	11	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Benzo[k]fluoranthene	**130**		35	10	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Chrysene	**210**		35	9.5	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Dibenz(a,h)anthracene	**15**	**J**	35	6.7	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Fluoranthene	**590**		35	6.5	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Fluorene	**25**	**J**	35	4.9	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Indeno[1,2,3-cd]pyrene	**82**		35	9.0	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Naphthalene	**34**	**J**	35	5.4	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Phenanthrene	**480**		35	4.9	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1
Pyrene	**340**		35	6.9	ug/Kg	☼	07/20/20 19:22	07/21/20 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*43 - 145*	*07/20/20 19:22*	*07/21/20 11:26*	*1*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*	*07/20/20 19:22*	*07/21/20 11:26*	*1*
Terphenyl-d14 (Surr)	*84*		*42 - 157*	*07/20/20 19:22*	*07/21/20 11:26*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.0**		1.0	0.34	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1
Barium	**30**		1.0	0.11	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1
Cadmium	**0.20**		0.20	0.036	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1
Chromium	**9.5**		1.0	0.49	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-3
Date Collected: 07/17/20 12:45
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-3
Matrix: Solid
Percent Solids: 90.6

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**40**		0.50	0.23	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1
Silver	<0.13		0.50	0.13	mg/Kg	☼	07/21/20 17:24	07/22/20 09:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.022**		0.017	0.0057	mg/Kg	☼	07/21/20 13:05	07/22/20 09:30	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-4
Date Collected: 07/17/20 12:50
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-4
Matrix: Solid
Percent Solids: 69.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1,2,2-Tetrachloroethane	<41		100	41	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1-Dichloroethane	<42	*	100	42	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1-Dichloroethene	<40		100	40	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2,3-Trichlorobenzene	<47		100	47	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2,3-Trichloropropane	<42		200	42	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2,4-Trimethylbenzene	<37		100	37	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2-Dibromoethane	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2-Dichloroethane	<40		100	40	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,2-Dichloropropane	<44	*	100	44	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,3-Dichlorobenzene	<41		100	41	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,3-Dichloropropane	<37		100	37	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
2,2-Dichloropropane	<45		100	45	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
2-Chlorotoluene	<32		100	32	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
4-Chlorotoluene	<36		100	36	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Benzene	<15	*	26	15	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Bromobenzene	<36		100	36	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Bromochloromethane	<44	*	100	44	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Bromodichloromethane	<38		100	38	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Bromoform	<49		100	49	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Bromomethane	<81		310	81	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Carbon tetrachloride	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Chlorobenzene	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Chloroethane	<51		100	51	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Chloroform	<38		200	38	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Chloromethane	<33		100	33	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
cis-1,2-Dichloroethene	<42		100	42	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Dibromochloromethane	<50		100	50	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Dibromomethane	<28		100	28	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Dichlorodifluoromethane	<69		310	69	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Ethylbenzene	<19		26	19	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Hexachlorobutadiene	<46		100	46	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Isopropyl ether	<28		100	28	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Isopropylbenzene	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Methylene Chloride	<170		510	170	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Naphthalene	<34		100	34	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
n-Butylbenzene	<40		100	40	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
N-Propylbenzene	<42		100	42	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
p-Isopropyltoluene	<37		100	37	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50

Client Sample ID: GS-4
Date Collected: 07/17/20 12:50
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-4
Matrix: Solid
Percent Solids: 69.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<41		100	41	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Styrene	<39		100	39	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
tert-Butylbenzene	<41		100	41	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Tetrachloroethene	<38		100	38	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Toluene	<15		26	15	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
trans-1,2-Dichloroethene	<36		100	36	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Trichloroethene	<17	*	51	17	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Trichlorofluoromethane	<44		100	44	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Vinyl chloride	<27	*	100	27	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50
Xylenes, Total	**22**	**J**	51	22	ug/Kg	☼	07/17/20 12:50	07/22/20 03:34	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*	*07/17/20 12:50*	*07/22/20 03:34*	*50*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*	*07/17/20 12:50*	*07/22/20 03:34*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*07/17/20 12:50*	*07/22/20 03:34*	*50*
Toluene-d8 (Surr)	*98*		*75 - 120*	*07/17/20 12:50*	*07/22/20 03:34*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<11		93	11	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
2-Methylnaphthalene	<8.4		93	8.4	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Acenaphthene	<8.3		46	8.3	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Acenaphthylene	<6.1		46	6.1	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Anthracene	<7.7		46	7.7	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Benzo[a]anthracene	<6.2		46	6.2	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Benzo[a]pyrene	<8.9		46	8.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Benzo[b]fluoranthene	<9.9		46	9.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Benzo[g,h,i]perylene	<15		46	15	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Benzo[k]fluoranthene	<14		46	14	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Chrysene	<13		46	13	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Dibenz(a,h)anthracene	<8.9		46	8.9	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Fluoranthene	<8.5		46	8.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Fluorene	<6.5		46	6.5	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Indeno[1,2,3-cd]pyrene	<12		46	12	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Naphthalene	<7.1		46	7.1	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Phenanthrene	<6.4		46	6.4	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1
Pyrene	<9.1		46	9.1	ug/Kg	☼	07/20/20 19:22	07/21/20 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*43 - 145*	*07/20/20 19:22*	*07/21/20 10:59*	*1*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*	*07/20/20 19:22*	*07/21/20 10:59*	*1*
Terphenyl-d14 (Surr)	*78*		*42 - 157*	*07/20/20 19:22*	*07/21/20 10:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.6**		1.3	0.43	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1
Barium	**68**		1.3	0.14	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1
Cadmium	**0.37**		0.25	0.045	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1
Chromium	**16**		1.3	0.62	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-4
Date Collected: 07/17/20 12:50
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-4
Matrix: Solid
Percent Solids: 69.7

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.0		0.63	0.29	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1
Selenium	0.75	J	1.3	0.74	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1
Silver	<0.16		0.63	0.16	mg/Kg	☼	07/21/20 17:24	07/22/20 09:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	J	0.023	0.0078	mg/Kg	☼	07/21/20 13:05	07/22/20 09:32	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: Trip Blank
Date Collected: 07/17/20 00:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1-Dichloroethane	<21	*	50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1-Dichloroethene	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,1-Dichloropropene	<15		50	15	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2-Dibromoethane	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2-Dichloroethane	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,2-Dichloropropane	<21	*	50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,3-Dichloropropane	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
2,2-Dichloropropane	<22		50	22	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
2-Chlorotoluene	<16		50	16	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
4-Chlorotoluene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Benzene	<7.3	*	13	7.3	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Bromobenzene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Bromochloromethane	<21	*	50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Bromodichloromethane	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Bromoform	<24		50	24	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Bromomethane	<40		150	40	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Carbon tetrachloride	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Chlorobenzene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Chloroethane	<25		50	25	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Chloroform	<19		100	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Chloromethane	<16		50	16	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Dibromochloromethane	<24		50	24	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Dibromomethane	<14		50	14	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Hexachlorobutadiene	<22		50	22	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Isopropyl ether	<14		50	14	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Isopropylbenzene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Methylene Chloride	<82		250	82	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Naphthalene	<17		50	17	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
n-Butylbenzene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
N-Propylbenzene	<21		50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
p-Isopropyltoluene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: Trip Blank
Date Collected: 07/17/20 00:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Styrene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
tert-Butylbenzene	<20		50	20	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Tetrachloroethene	<19		50	19	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Toluene	<7.4		13	7.4	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Trichloroethene	<8.2	*	25	8.2	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Trichlorofluoromethane	<21		50	21	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Vinyl chloride	<13	*	50	13	ug/Kg		07/17/20 00:00	07/22/20 00:34	50
Xylenes, Total	<11		25	11	ug/Kg		07/17/20 00:00	07/22/20 00:34	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*07/17/20 00:00*	*07/22/20 00:34*	*50*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*	*07/17/20 00:00*	*07/22/20 00:34*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*07/17/20 00:00*	*07/22/20 00:34*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*07/17/20 00:00*	*07/22/20 00:34*	*50*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

GC/MS VOA

Prep Batch: 552968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	5035	
500-185134-2	GS-2	Total/NA	Solid	5035	
500-185134-3	GS-3	Total/NA	Solid	5035	
500-185134-4	GS-4	Total/NA	Solid	5035	
500-185134-5	Trip Blank	Total/NA	Solid	5035	
LB3 500-552968/15-A	Method Blank	Total/NA	Solid	5035	
LCS 500-552968/16-A	Lab Control Sample	Total/NA	Solid	5035	
500-185134-1 MS	GS-1	Total/NA	Solid	5035	
500-185134-1 MSD	GS-1	Total/NA	Solid	5035	

Analysis Batch: 553129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	8260B	552968
500-185134-2	GS-2	Total/NA	Solid	8260B	552968
500-185134-3	GS-3	Total/NA	Solid	8260B	552968
500-185134-4	GS-4	Total/NA	Solid	8260B	552968
500-185134-5	Trip Blank	Total/NA	Solid	8260B	552968
LB3 500-552968/15-A	Method Blank	Total/NA	Solid	8260B	552968
MB 500-553129/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-552968/16-A	Lab Control Sample	Total/NA	Solid	8260B	552968
LCS 500-553129/4	Lab Control Sample	Total/NA	Solid	8260B	
500-185134-1 MS	GS-1	Total/NA	Solid	8260B	552968
500-185134-1 MSD	GS-1	Total/NA	Solid	8260B	552968

GC/MS Semi VOA

Prep Batch: 552949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	3541	
500-185134-2	GS-2	Total/NA	Solid	3541	
500-185134-3	GS-3	Total/NA	Solid	3541	
500-185134-4	GS-4	Total/NA	Solid	3541	
MB 500-552949/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-552949/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 553030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	8270D	552949
500-185134-2	GS-2	Total/NA	Solid	8270D	552949
500-185134-3	GS-3	Total/NA	Solid	8270D	552949
500-185134-4	GS-4	Total/NA	Solid	8270D	552949

Analysis Batch: 553136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-552949/1-A	Method Blank	Total/NA	Solid	8270D	552949
LCS 500-552949/2-A	Lab Control Sample	Total/NA	Solid	8270D	552949

Metals

Prep Batch: 553054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 553054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-2	GS-2	Total/NA	Solid	7471B	
500-185134-3	GS-3	Total/NA	Solid	7471B	
500-185134-4	GS-4	Total/NA	Solid	7471B	
MB 500-553054/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-553054/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 553148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	3050B	
500-185134-2	GS-2	Total/NA	Solid	3050B	
500-185134-3	GS-3	Total/NA	Solid	3050B	
500-185134-4	GS-4	Total/NA	Solid	3050B	
MB 500-553148/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-553148/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 553283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	7471B	553054
500-185134-2	GS-2	Total/NA	Solid	7471B	553054
500-185134-3	GS-3	Total/NA	Solid	7471B	553054
500-185134-4	GS-4	Total/NA	Solid	7471B	553054
MB 500-553054/12-A	Method Blank	Total/NA	Solid	7471B	553054
LCS 500-553054/13-A	Lab Control Sample	Total/NA	Solid	7471B	553054

Analysis Batch: 553293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	6010C	553148
500-185134-2	GS-2	Total/NA	Solid	6010C	553148
500-185134-3	GS-3	Total/NA	Solid	6010C	553148
500-185134-4	GS-4	Total/NA	Solid	6010C	553148
MB 500-553148/1-A	Method Blank	Total/NA	Solid	6010C	553148
LCS 500-553148/2-A	Lab Control Sample	Total/NA	Solid	6010C	553148

General Chemistry

Analysis Batch: 552998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-185134-1	GS-1	Total/NA	Solid	Moisture	
500-185134-2	GS-2	Total/NA	Solid	Moisture	
500-185134-3	GS-3	Total/NA	Solid	Moisture	
500-185134-4	GS-4	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-185134-1	GS-1	102	91	96	97
500-185134-1 MS	GS-1	101	90	101	98
500-185134-1 MSD	GS-1	104	92	100	98
500-185134-2	GS-2	104	93	95	98
500-185134-3	GS-3	105	90	96	97
500-185134-4	GS-4	105	92	97	98
500-185134-5	Trip Blank	102	90	96	96
LB3 500-552968/15-A	Method Blank	101	90	96	97
LCS 500-552968/16-A	Lab Control Sample	102	90	101	97
LCS 500-553129/4	Lab Control Sample	103	90	101	99
MB 500-553129/6	Method Blank	105	97	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-185134-1	GS-1	68	51	104
500-185134-2	GS-2	89	87	96
500-185134-3	GS-3	90	81	84
500-185134-4	GS-4	91	66	78
LCS 500-552949/2-A	Lab Control Sample	97	95	109
MB 500-552949/1-A	Method Blank	97	92	108

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-552968/15-A
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552968

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1-Dichloroethane	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1-Dichloroethene	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,1-Dichloropropene	<15		50	15	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2-Dibromoethane	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2-Dichloroethane	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,2-Dichloropropane	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,3-Dichloropropane	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
2,2-Dichloropropane	<22		50	22	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
2-Chlorotoluene	<16		50	16	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
4-Chlorotoluene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Benzene	<7.3		13	7.3	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Bromobenzene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Bromochloromethane	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Bromodichloromethane	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Bromoform	<24		50	24	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Bromomethane	<40		150	40	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Carbon tetrachloride	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Chlorobenzene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Chloroethane	<25		50	25	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Chloroform	<19		100	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Chloromethane	<16		50	16	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Dibromochloromethane	<24		50	24	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Dibromomethane	<14		50	14	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Hexachlorobutadiene	<22		50	22	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Isopropyl ether	<14		50	14	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Isopropylbenzene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Methylene Chloride	<82		250	82	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Naphthalene	<17		50	17	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
n-Butylbenzene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
N-Propylbenzene	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-552968/15-A
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552968

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
sec-Butylbenzene	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Styrene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
tert-Butylbenzene	<20		50	20	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Tetrachloroethene	<19		50	19	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Toluene	<7.4		13	7.4	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Trichloroethene	<8.2		25	8.2	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Trichlorofluoromethane	<21		50	21	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Vinyl chloride	<13		50	13	ug/Kg		07/20/20 20:10	07/21/20 23:42	50
Xylenes, Total	<11		25	11	ug/Kg		07/20/20 20:10	07/21/20 23:42	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*07/20/20 20:10*	*07/21/20 23:42*	*50*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*	*07/20/20 20:10*	*07/21/20 23:42*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*07/20/20 20:10*	*07/21/20 23:42*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*07/20/20 20:10*	*07/21/20 23:42*	*50*

Lab Sample ID: LCS 500-552968/16-A
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2970		ug/Kg		119	70 - 125
1,1,1-Trichloroethane	2500	2980		ug/Kg		119	70 - 125
1,1,2,2-Tetrachloroethane	2500	2710		ug/Kg		109	62 - 140
1,1,2-Trichloroethane	2500	2960		ug/Kg		118	71 - 130
1,1-Dichloroethane	2500	3320	*	ug/Kg		133	70 - 125
1,1-Dichloroethene	2500	3020		ug/Kg		121	67 - 122
1,1-Dichloropropene	2500	2990		ug/Kg		119	70 - 121
1,2,3-Trichlorobenzene	2500	2870		ug/Kg		115	51 - 145
1,2,3-Trichloropropane	2500	2880		ug/Kg		115	50 - 133
1,2,4-Trichlorobenzene	2500	2900		ug/Kg		116	57 - 137
1,2,4-Trimethylbenzene	2500	2810		ug/Kg		112	70 - 123
1,2-Dibromo-3-Chloropropane	2500	2030		ug/Kg		81	56 - 123
1,2-Dibromoethane	2500	2980		ug/Kg		119	70 - 125
1,2-Dichlorobenzene	2500	2900		ug/Kg		116	70 - 125
1,2-Dichloroethane	2500	3050		ug/Kg		122	68 - 127
1,2-Dichloropropane	2500	3520	*	ug/Kg		141	67 - 130
1,3,5-Trimethylbenzene	2500	2810		ug/Kg		113	70 - 123
1,3-Dichlorobenzene	2500	2930		ug/Kg		117	70 - 125
1,3-Dichloropropane	2500	2830		ug/Kg		113	62 - 136
1,4-Dichlorobenzene	2500	2880		ug/Kg		115	70 - 120
2,2-Dichloropropane	2500	2820		ug/Kg		113	58 - 139
2-Chlorotoluene	2500	2770		ug/Kg		111	70 - 125
4-Chlorotoluene	2500	2790		ug/Kg		112	68 - 124
Benzene	2500	3050	*	ug/Kg		122	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-552968/16-A
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2960		ug/Kg		118	70 - 122
Bromochloromethane	2500	3100	*	ug/Kg		124	65 - 122
Bromodichloromethane	2500	2820		ug/Kg		113	69 - 120
Bromoform	2500	2640		ug/Kg		105	56 - 132
Bromomethane	2500	2930		ug/Kg		117	40 - 152
Carbon tetrachloride	2500	3000		ug/Kg		120	59 - 133
Chlorobenzene	2500	3000		ug/Kg		120	70 - 120
Chloroethane	2500	2180		ug/Kg		87	48 - 136
Chloroform	2500	2850		ug/Kg		114	70 - 120
Chloromethane	2500	2640		ug/Kg		106	56 - 152
cis-1,2-Dichloroethene	2500	3060		ug/Kg		123	70 - 125
cis-1,3-Dichloropropene	2500	2770		ug/Kg		111	64 - 127
Dibromochloromethane	2500	2770		ug/Kg		111	68 - 125
Dibromomethane	2500	2990		ug/Kg		119	70 - 120
Dichlorodifluoromethane	2500	2390		ug/Kg		96	40 - 159
Ethylbenzene	2500	2970		ug/Kg		119	70 - 123
Hexachlorobutadiene	2500	3040		ug/Kg		122	51 - 150
Isopropylbenzene	2500	2850		ug/Kg		114	70 - 126
Methyl tert-butyl ether	2500	2440		ug/Kg		97	55 - 123
Methylene Chloride	2500	3060		ug/Kg		122	69 - 125
Naphthalene	2500	2720		ug/Kg		109	53 - 144
n-Butylbenzene	2500	2760		ug/Kg		110	68 - 125
N-Propylbenzene	2500	2790		ug/Kg		112	69 - 127
p-Isopropyltoluene	2500	2790		ug/Kg		112	70 - 125
sec-Butylbenzene	2500	2780		ug/Kg		111	70 - 123
Styrene	2500	2950		ug/Kg		118	70 - 120
tert-Butylbenzene	2500	2790		ug/Kg		112	70 - 121
Tetrachloroethene	2500	3090		ug/Kg		124	70 - 128
Toluene	2500	2990		ug/Kg		119	70 - 125
trans-1,2-Dichloroethene	2500	3010		ug/Kg		121	70 - 125
trans-1,3-Dichloropropene	2500	2650		ug/Kg		106	62 - 128
Trichloroethene	2500	3230	*	ug/Kg		129	70 - 125
Trichlorofluoromethane	2500	3040		ug/Kg		122	55 - 128
Vinyl chloride	2500	3490	*	ug/Kg		140	64 - 126
Xylenes, Total	5000	5880		ug/Kg		118	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: 500-185134-1 MS
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: GS-1
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<34		3690	3350		ug/Kg	☼	91	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-185134-1 MS
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: GS-1
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<28		3690	3340		ug/Kg	☼	91	70 - 125
1,1,2,2-Tetrachloroethane	<29		3690	3160		ug/Kg	☼	86	62 - 140
1,1,2-Trichloroethane	<26		3690	3440		ug/Kg	☼	93	71 - 130
1,1-Dichloroethane	<30	*	3690	3780		ug/Kg	☼	103	70 - 125
1,1-Dichloroethene	<29		3690	3350		ug/Kg	☼	91	67 - 122
1,1-Dichloropropene	<22		3690	3280		ug/Kg	☼	89	70 - 121
1,2,3-Trichlorobenzene	<34		3690	4360		ug/Kg	☼	118	51 - 145
1,2,3-Trichloropropane	<31		3690	3390		ug/Kg	☼	92	50 - 133
1,2,4-Trichlorobenzene	<25		3690	3790		ug/Kg	☼	103	57 - 137
1,2,4-Trimethylbenzene	<26		3690	3220		ug/Kg	☼	87	70 - 123
1,2-Dibromo-3-Chloropropane	<150		3690	2490		ug/Kg	☼	67	56 - 123
1,2-Dibromoethane	<28		3690	3450		ug/Kg	☼	94	70 - 125
1,2-Dichlorobenzene	<25		3690	3400		ug/Kg	☼	92	70 - 125
1,2-Dichloroethane	<29		3690	3520		ug/Kg	☼	95	68 - 127
1,2-Dichloropropane	<32	*	3690	4010		ug/Kg	☼	109	67 - 130
1,3,5-Trimethylbenzene	<28		3690	3190		ug/Kg	☼	87	70 - 123
1,3-Dichlorobenzene	<30		3690	3420		ug/Kg	☼	93	70 - 125
1,3-Dichloropropane	<27		3690	3260		ug/Kg	☼	88	62 - 136
1,4-Dichlorobenzene	<27		3690	3370		ug/Kg	☼	91	70 - 120
2,2-Dichloropropane	<33		3690	3270		ug/Kg	☼	88	58 - 139
2-Chlorotoluene	<23		3690	3190		ug/Kg	☼	86	70 - 125
4-Chlorotoluene	<26		3690	3220		ug/Kg	☼	87	68 - 124
Benzene	<11	*	3690	3470		ug/Kg	☼	94	70 - 120
Bromobenzene	<26		3690	3420		ug/Kg	☼	93	70 - 122
Bromochloromethane	<32	*	3690	3630		ug/Kg	☼	98	65 - 122
Bromodichloromethane	<27		3690	3250		ug/Kg	☼	88	69 - 120
Bromoform	<36		3690	3010		ug/Kg	☼	81	56 - 132
Bromomethane	<59		3690	3110		ug/Kg	☼	84	40 - 152
Carbon tetrachloride	<28		3690	3300		ug/Kg	☼	89	59 - 133
Chlorobenzene	<28		3690	3460		ug/Kg	☼	94	70 - 120
Chloroethane	<37		3690	2150		ug/Kg	☼	58	48 - 136
Chloroform	<27		3690	3240		ug/Kg	☼	88	70 - 120
Chloromethane	<24		3690	2420		ug/Kg	☼	65	56 - 152
cis-1,2-Dichloroethene	<30		3690	3530		ug/Kg	☼	96	70 - 125
cis-1,3-Dichloropropene	<31		3690	3130		ug/Kg	☼	85	64 - 127
Dibromochloromethane	<36		3690	3200		ug/Kg	☼	87	68 - 125
Dibromomethane	<20		3690	3460		ug/Kg	☼	94	70 - 120
Dichlorodifluoromethane	<50		3690	1840		ug/Kg	☼	50	40 - 159
Ethylbenzene	<14		3690	3400		ug/Kg	☼	92	70 - 123
Hexachlorobutadiene	<33		3690	3390		ug/Kg	☼	92	51 - 150
Isopropylbenzene	<28		3690	3250		ug/Kg	☼	88	70 - 126
Methyl tert-butyl ether	<29		3690	2920		ug/Kg	☼	79	55 - 123
Methylene Chloride	<120		3690	3470		ug/Kg	☼	94	69 - 125
Naphthalene	<25		3690	3720		ug/Kg	☼	101	53 - 144
n-Butylbenzene	<29		3690	3150		ug/Kg	☼	85	68 - 125
N-Propylbenzene	<31		3690	3210		ug/Kg	☼	87	69 - 127
p-Isopropyltoluene	<27		3690	3180		ug/Kg	☼	86	70 - 125
sec-Butylbenzene	<29		3690	3150		ug/Kg	☼	85	70 - 123
Styrene	<28		3690	3400		ug/Kg	☼	92	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-185134-1 MS
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: GS-1
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	<29		3690	3190		ug/Kg	☼	87	70 - 121
Tetrachloroethene	<27		3690	3480		ug/Kg	☼	94	70 - 128
Toluene	<11		3690	3390		ug/Kg	☼	92	70 - 125
trans-1,2-Dichloroethene	<26		3690	3450		ug/Kg	☼	93	70 - 125
trans-1,3-Dichloropropene	<27		3690	3060		ug/Kg	☼	83	62 - 128
Trichloroethene	<12	*	3690	3650		ug/Kg	☼	99	70 - 125
Trichlorofluoromethane	<32		3690	3150		ug/Kg	☼	85	55 - 128
Vinyl chloride	<19	*	3690	3380		ug/Kg	☼	92	64 - 126
Xylenes, Total	<16		7380	6740		ug/Kg	☼	91	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: 500-185134-1 MSD
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: GS-1
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<34		3690	3360		ug/Kg	☼	91	70 - 125	0	30
1,1,1-Trichloroethane	<28		3690	3390		ug/Kg	☼	92	70 - 125	1	30
1,1,2,2-Tetrachloroethane	<29		3690	3340		ug/Kg	☼	90	62 - 140	5	30
1,1,2-Trichloroethane	<26		3690	3600		ug/Kg	☼	97	71 - 130	4	30
1,1-Dichloroethane	<30	*	3690	3780		ug/Kg	☼	102	70 - 125	0	30
1,1-Dichloroethene	<29		3690	3370		ug/Kg	☼	91	67 - 122	1	30
1,1-Dichloropropene	<22		3690	3320		ug/Kg	☼	90	70 - 121	1	30
1,2,3-Trichlorobenzene	<34		3690	4170		ug/Kg	☼	113	51 - 145	4	30
1,2,3-Trichloropropane	<31		3690	3480		ug/Kg	☼	94	50 - 133	3	30
1,2,4-Trichlorobenzene	<25		3690	3710		ug/Kg	☼	101	57 - 137	2	30
1,2,4-Trimethylbenzene	<26		3690	3280		ug/Kg	☼	89	70 - 123	2	30
1,2-Dibromo-3-Chloropropane	<150		3690	2540		ug/Kg	☼	69	56 - 123	2	30
1,2-Dibromoethane	<28		3690	3570		ug/Kg	☼	97	70 - 125	3	30
1,2-Dichlorobenzene	<25		3690	3520		ug/Kg	☼	95	70 - 125	3	30
1,2-Dichloroethane	<29		3690	3700		ug/Kg	☼	100	68 - 127	5	30
1,2-Dichloropropane	<32	*	3690	4210		ug/Kg	☼	114	67 - 130	5	30
1,3,5-Trimethylbenzene	<28		3690	3310		ug/Kg	☼	90	70 - 123	3	30
1,3-Dichlorobenzene	<30		3690	3480		ug/Kg	☼	94	70 - 125	2	30
1,3-Dichloropropane	<27		3690	3430		ug/Kg	☼	93	62 - 136	5	30
1,4-Dichlorobenzene	<27		3690	3420		ug/Kg	☼	93	70 - 120	1	30
2,2-Dichloropropane	<33		3690	3270		ug/Kg	☼	89	58 - 139	0	30
2-Chlorotoluene	<23		3690	3260		ug/Kg	☼	88	70 - 125	2	30
4-Chlorotoluene	<26		3690	3280		ug/Kg	☼	89	68 - 124	2	30
Benzene	<11	*	3690	3510		ug/Kg	☼	95	70 - 120	1	30
Bromobenzene	<26		3690	3520		ug/Kg	☼	95	70 - 122	3	30
Bromochloromethane	<32	*	3690	3660		ug/Kg	☼	99	65 - 122	1	30
Bromodichloromethane	<27		3690	3360		ug/Kg	☼	91	69 - 120	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-185134-1 MSD
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: GS-1
Prep Type: Total/NA
Prep Batch: 552968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	<36		3690	3050		ug/Kg	☼	83	56 - 132	2	30
Bromomethane	<59		3690	3040		ug/Kg	☼	82	40 - 152	2	30
Carbon tetrachloride	<28		3690	3420		ug/Kg	☼	93	59 - 133	4	30
Chlorobenzene	<28		3690	3470		ug/Kg	☼	94	70 - 120	0	30
Chloroethane	<37		3690	2490		ug/Kg	☼	67	48 - 136	14	30
Chloroform	<27		3690	3250		ug/Kg	☼	88	70 - 120	0	30
Chloromethane	<24		3690	2370		ug/Kg	☼	64	56 - 152	2	30
cis-1,2-Dichloroethene	<30		3690	3540		ug/Kg	☼	96	70 - 125	0	30
cis-1,3-Dichloropropene	<31		3690	3320		ug/Kg	☼	90	64 - 127	6	30
Dibromochloromethane	<36		3690	3320		ug/Kg	☼	90	68 - 125	4	30
Dibromomethane	<20		3690	3560		ug/Kg	☼	96	70 - 120	3	30
Dichlorodifluoromethane	<50		3690	1800		ug/Kg	☼	49	40 - 159	2	30
Ethylbenzene	<14		3690	3460		ug/Kg	☼	94	70 - 123	2	30
Hexachlorobutadiene	<33		3690	3490		ug/Kg	☼	95	51 - 150	3	30
Isopropylbenzene	<28		3690	3380		ug/Kg	☼	91	70 - 126	4	30
Methyl tert-butyl ether	<29		3690	2930		ug/Kg	☼	79	55 - 123	1	30
Methylene Chloride	<120		3690	3530		ug/Kg	☼	96	69 - 125	1	30
Naphthalene	<25		3690	3810		ug/Kg	☼	103	53 - 144	3	30
n-Butylbenzene	<29		3690	3140		ug/Kg	☼	85	68 - 125	0	30
N-Propylbenzene	<31		3690	3280		ug/Kg	☼	89	69 - 127	2	30
p-Isopropyltoluene	<27		3690	3250		ug/Kg	☼	88	70 - 125	2	30
sec-Butylbenzene	<29		3690	3220		ug/Kg	☼	87	70 - 123	2	30
Styrene	<28		3690	3410		ug/Kg	☼	92	70 - 120	0	30
tert-Butylbenzene	<29		3690	3260		ug/Kg	☼	88	70 - 121	2	30
Tetrachloroethene	<27		3690	3560		ug/Kg	☼	97	70 - 128	2	30
Toluene	<11		3690	3500		ug/Kg	☼	95	70 - 125	3	30
trans-1,2-Dichloroethene	<26		3690	3430		ug/Kg	☼	93	70 - 125	0	30
trans-1,3-Dichloropropene	<27		3690	3190		ug/Kg	☼	86	62 - 128	4	30
Trichloroethene	<12	*	3690	3750		ug/Kg	☼	102	70 - 125	3	30
Trichlorofluoromethane	<32		3690	3110		ug/Kg	☼	84	55 - 128	1	30
Vinyl chloride	<19	*	3690	3240		ug/Kg	☼	88	64 - 126	4	30
Xylenes, Total	<16		7380	6710		ug/Kg	☼	91	70 - 125	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-553129/6
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			07/21/20 23:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			07/21/20 23:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			07/21/20 23:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			07/21/20 23:16	1

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-553129/6
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			07/21/20 23:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			07/21/20 23:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			07/21/20 23:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			07/21/20 23:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			07/21/20 23:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			07/21/20 23:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			07/21/20 23:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			07/21/20 23:16	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			07/21/20 23:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			07/21/20 23:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			07/21/20 23:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			07/21/20 23:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			07/21/20 23:16	1
Benzene	<0.15		0.25	0.15	ug/Kg			07/21/20 23:16	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			07/21/20 23:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			07/21/20 23:16	1
Bromoform	<0.48		1.0	0.48	ug/Kg			07/21/20 23:16	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			07/21/20 23:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			07/21/20 23:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			07/21/20 23:16	1
Chloroform	<0.37		2.0	0.37	ug/Kg			07/21/20 23:16	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			07/21/20 23:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			07/21/20 23:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			07/21/20 23:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			07/21/20 23:16	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			07/21/20 23:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			07/21/20 23:16	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			07/21/20 23:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			07/21/20 23:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			07/21/20 23:16	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			07/21/20 23:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			07/21/20 23:16	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			07/21/20 23:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			07/21/20 23:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			07/21/20 23:16	1
Styrene	<0.39		1.0	0.39	ug/Kg			07/21/20 23:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			07/21/20 23:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			07/21/20 23:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-553129/6
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.15		0.25	0.15	ug/Kg			07/21/20 23:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			07/21/20 23:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			07/21/20 23:16	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			07/21/20 23:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			07/21/20 23:16	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			07/21/20 23:16	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			07/21/20 23:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*07/21/20 23:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*07/21/20 23:16*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*07/21/20 23:16*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*07/21/20 23:16*	*1*

Lab Sample ID: LCS 500-553129/4
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.2		ug/Kg		92	70 - 125
1,1,1-Trichloroethane	50.0	46.7		ug/Kg		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	43.3		ug/Kg		87	62 - 140
1,1,2-Trichloroethane	50.0	48.3		ug/Kg		97	71 - 130
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	70 - 125
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	67 - 122
1,1-Dichloropropene	50.0	46.5		ug/Kg		93	70 - 121
1,2,3-Trichlorobenzene	50.0	56.0		ug/Kg		112	51 - 145
1,2,3-Trichloropropane	50.0	46.1		ug/Kg		92	50 - 133
1,2,4-Trichlorobenzene	50.0	50.9		ug/Kg		102	57 - 137
1,2,4-Trimethylbenzene	50.0	43.1		ug/Kg		86	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	33.1		ug/Kg		66	56 - 123
1,2-Dibromoethane	50.0	47.9		ug/Kg		96	70 - 125
1,2-Dichlorobenzene	50.0	45.7		ug/Kg		91	70 - 125
1,2-Dichloroethane	50.0	48.3		ug/Kg		97	68 - 127
1,2-Dichloropropane	50.0	53.0		ug/Kg		106	67 - 130
1,3,5-Trimethylbenzene	50.0	43.1		ug/Kg		86	70 - 123
1,3-Dichlorobenzene	50.0	45.6		ug/Kg		91	70 - 125
1,3-Dichloropropane	50.0	44.5		ug/Kg		89	62 - 136
1,4-Dichlorobenzene	50.0	45.3		ug/Kg		91	70 - 120
2,2-Dichloropropane	50.0	45.8		ug/Kg		92	58 - 139
2-Chlorotoluene	50.0	42.6		ug/Kg		85	70 - 125
4-Chlorotoluene	50.0	43.3		ug/Kg		87	68 - 124
Benzene	50.0	46.7		ug/Kg		93	70 - 120
Bromobenzene	50.0	45.1		ug/Kg		90	70 - 122
Bromochloromethane	50.0	49.3		ug/Kg		99	65 - 122
Bromodichloromethane	50.0	43.5		ug/Kg		87	69 - 120
Bromoform	50.0	42.9		ug/Kg		86	56 - 132
Bromomethane	50.0	42.9		ug/Kg		86	40 - 152

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-553129/4
Matrix: Solid
Analysis Batch: 553129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	47.5		ug/Kg		95	59 - 133
Chlorobenzene	50.0	47.0		ug/Kg		94	70 - 120
Chloroethane	50.0	44.4		ug/Kg		89	48 - 136
Chloroform	50.0	43.4		ug/Kg		87	70 - 120
Chloromethane	50.0	33.4		ug/Kg		67	56 - 152
cis-1,2-Dichloroethene	50.0	46.9		ug/Kg		94	70 - 125
cis-1,3-Dichloropropene	50.0	43.6		ug/Kg		87	64 - 127
Dibromochloromethane	50.0	44.0		ug/Kg		88	68 - 125
Dibromomethane	50.0	46.6		ug/Kg		93	70 - 120
Dichlorodifluoromethane	50.0	26.8		ug/Kg		54	40 - 159
Ethylbenzene	50.0	46.7		ug/Kg		93	70 - 123
Hexachlorobutadiene	50.0	46.2		ug/Kg		92	51 - 150
Isopropylbenzene	50.0	43.9		ug/Kg		88	70 - 126
Methyl tert-butyl ether	50.0	38.8		ug/Kg		78	55 - 123
Methylene Chloride	50.0	45.6		ug/Kg		91	69 - 125
Naphthalene	50.0	49.8		ug/Kg		100	53 - 144
n-Butylbenzene	50.0	43.5		ug/Kg		87	68 - 125
N-Propylbenzene	50.0	43.3		ug/Kg		87	69 - 127
p-Isopropyltoluene	50.0	43.4		ug/Kg		87	70 - 125
sec-Butylbenzene	50.0	42.8		ug/Kg		86	70 - 123
Styrene	50.0	46.8		ug/Kg		94	70 - 120
tert-Butylbenzene	50.0	42.9		ug/Kg		86	70 - 121
Tetrachloroethene	50.0	48.8		ug/Kg		98	70 - 128
Toluene	50.0	46.7		ug/Kg		93	70 - 125
trans-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	70 - 125
trans-1,3-Dichloropropene	50.0	43.7		ug/Kg		87	62 - 128
Trichloroethene	50.0	49.5		ug/Kg		99	70 - 125
Trichlorofluoromethane	50.0	46.4		ug/Kg		93	55 - 128
Vinyl chloride	50.0	47.5		ug/Kg		95	64 - 126
Xylenes, Total	100	92.2		ug/Kg		92	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-552949/1-A
Matrix: Solid
Analysis Batch: 553136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Acenaphthene	<6.0		33	6.0	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Anthracene	<5.6		33	5.6	ug/Kg		07/20/20 19:22	07/21/20 21:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-552949/1-A
Matrix: Solid
Analysis Batch: 553136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 552949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Chrysene	<9.1		33	9.1	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Fluoranthene	<6.2		33	6.2	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Fluorene	<4.7		33	4.7	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Naphthalene	<5.1		33	5.1	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Phenanthrene	<4.6		33	4.6	ug/Kg		07/20/20 19:22	07/21/20 21:34	1
Pyrene	<6.6		33	6.6	ug/Kg		07/20/20 19:22	07/21/20 21:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*97*		*43 - 145*	*07/20/20 19:22*	*07/21/20 21:34*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 147*	*07/20/20 19:22*	*07/21/20 21:34*	*1*
Terphenyl-d14 (Surr)	*108*		*42 - 157*	*07/20/20 19:22*	*07/21/20 21:34*	*1*

Lab Sample ID: LCS 500-552949/2-A
Matrix: Solid
Analysis Batch: 553136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 552949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	1330	1320		ug/Kg		99	68 - 111
2-Methylnaphthalene	1330	1320		ug/Kg		99	69 - 112
Acenaphthene	1330	1310		ug/Kg		98	65 - 124
Acenaphthylene	1330	1320		ug/Kg		99	68 - 120
Anthracene	1330	1330		ug/Kg		100	70 - 114
Benzo[a]anthracene	1330	1320		ug/Kg		99	67 - 122
Benzo[a]pyrene	1330	1320		ug/Kg		99	65 - 133
Benzo[b]fluoranthene	1330	1320		ug/Kg		99	69 - 129
Benzo[g,h,i]perylene	1330	1400		ug/Kg		105	72 - 131
Benzo[k]fluoranthene	1330	1300		ug/Kg		98	68 - 127
Chrysene	1330	1360		ug/Kg		102	63 - 120
Dibenz(a,h)anthracene	1330	1390		ug/Kg		105	64 - 131
Fluoranthene	1330	1370		ug/Kg		103	62 - 120
Fluorene	1330	1300		ug/Kg		97	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1420		ug/Kg		107	68 - 130
Naphthalene	1330	1290		ug/Kg		97	63 - 110
Phenanthrene	1330	1340		ug/Kg		100	62 - 120
Pyrene	1330	1500		ug/Kg		113	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*97*		*43 - 145*
Nitrobenzene-d5 (Surr)	*95*		*37 - 147*
Terphenyl-d14 (Surr)	*109*		*42 - 157*

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-553148/1-A
Matrix: Solid
Analysis Batch: 553293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Barium	<0.11		1.0	0.11	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Cadmium	<0.036		0.20	0.036	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Chromium	<0.50		1.0	0.50	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Lead	<0.23		0.50	0.23	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Selenium	<0.59		1.0	0.59	mg/Kg		07/21/20 17:24	07/22/20 08:19	1
Silver	<0.13		0.50	0.13	mg/Kg		07/21/20 17:24	07/22/20 08:19	1

Lab Sample ID: LCS 500-553148/2-A
Matrix: Solid
Analysis Batch: 553293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	9.24		mg/Kg		92	80 - 120
Barium	200	198		mg/Kg		99	80 - 120
Cadmium	5.00	4.73		mg/Kg		95	80 - 120
Chromium	20.0	20.0		mg/Kg		100	80 - 120
Lead	10.0	9.79		mg/Kg		98	80 - 120
Selenium	10.0	9.15		mg/Kg		91	80 - 120
Silver	5.00	4.68		mg/Kg		94	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-553054/12-A
Matrix: Solid
Analysis Batch: 553283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		07/21/20 13:05	07/22/20 09:17	1

Lab Sample ID: LCS 500-553054/13-A
Matrix: Solid
Analysis Batch: 553283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.167		mg/Kg		100	80 - 120

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-1
Date Collected: 07/17/20 11:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	552998	07/21/20 07:29	LWN	TAL CHI

Client Sample ID: GS-1
Date Collected: 07/17/20 11:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-1
Matrix: Solid
Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			552968	07/17/20 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	553129	07/22/20 02:17	JDD	TAL CHI
Total/NA	Prep	3541			552949	07/20/20 19:22	JP1	TAL CHI
Total/NA	Analysis	8270D		1	553030	07/21/20 10:06	AJD	TAL CHI
Total/NA	Prep	3050B			553148	07/21/20 17:24	BDE	TAL CHI
Total/NA	Analysis	6010C		1	553293	07/22/20 09:28	JEF	TAL CHI
Total/NA	Prep	7471B			553054	07/21/20 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	553283	07/22/20 09:21	MJG	TAL CHI

Client Sample ID: GS-2
Date Collected: 07/17/20 12:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	552998	07/21/20 07:29	LWN	TAL CHI

Client Sample ID: GS-2
Date Collected: 07/17/20 12:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-2
Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			552968	07/17/20 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	553129	07/22/20 02:42	JDD	TAL CHI
Total/NA	Prep	3541			552949	07/20/20 19:22	JP1	TAL CHI
Total/NA	Analysis	8270D		1	553030	07/21/20 10:33	AJD	TAL CHI
Total/NA	Prep	3050B			553148	07/21/20 17:24	BDE	TAL CHI
Total/NA	Analysis	6010C		1	553293	07/22/20 09:32	JEF	TAL CHI
Total/NA	Prep	7471B			553054	07/21/20 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	553283	07/22/20 09:27	MJG	TAL CHI

Client Sample ID: GS-3
Date Collected: 07/17/20 12:45
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	552998	07/21/20 07:29	LWN	TAL CHI

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Client Sample ID: GS-3
Date Collected: 07/17/20 12:45
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-3
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			552968	07/17/20 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	553129	07/22/20 03:08	JDD	TAL CHI
Total/NA	Prep	3541			552949	07/20/20 19:22	JP1	TAL CHI
Total/NA	Analysis	8270D		1	553030	07/21/20 11:26	AJD	TAL CHI
Total/NA	Prep	3050B			553148	07/21/20 17:24	BDE	TAL CHI
Total/NA	Analysis	6010C		1	553293	07/22/20 09:36	JEF	TAL CHI
Total/NA	Prep	7471B			553054	07/21/20 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	553283	07/22/20 09:30	MJG	TAL CHI

Client Sample ID: GS-4
Date Collected: 07/17/20 12:50
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	552998	07/21/20 07:29	LWN	TAL CHI

Client Sample ID: GS-4
Date Collected: 07/17/20 12:50
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-4
Matrix: Solid
Percent Solids: 69.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			552968	07/17/20 12:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	553129	07/22/20 03:34	JDD	TAL CHI
Total/NA	Prep	3541			552949	07/20/20 19:22	JP1	TAL CHI
Total/NA	Analysis	8270D		1	553030	07/21/20 10:59	AJD	TAL CHI
Total/NA	Prep	3050B			553148	07/21/20 17:24	BDE	TAL CHI
Total/NA	Analysis	6010C		1	553293	07/22/20 09:40	JEF	TAL CHI
Total/NA	Prep	7471B			553054	07/21/20 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	553283	07/22/20 09:32	MJG	TAL CHI

Client Sample ID: Trip Blank
Date Collected: 07/17/20 00:00
Date Received: 07/18/20 10:10

Lab Sample ID: 500-185134-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			552968	07/17/20 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	553129	07/22/20 00:34	JDD	TAL CHI

Laboratory References:
TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: Maritime Dr. - 193702757

Job ID: 500-185134-1

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-20

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Erin Gross	Phone: 608 628 6278	Fredrick, Sandie E-Mail: sandie.fredrick@testamericainc.com		500-76203-35399.1 Page: Page 1 of 1

Company	Address	City	State, Zip	Phone	Email	Project Name	Site
Stantec Consulting Corp.	12075 Corporate Pkwy, Suite 200	Mequon	WI, 53092		erin.gross@stantec.com	~~Downtown Riverwalk Moor~~ Maritime Dr	193702757

Due Date Requested	TAT Requested (days)	PO #	WO #	Project #	SSOW#
July 22, 2020	3-TAT			50006565	

Job #: 500-185134

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

500-185134 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC	RAH	PCRA metals	Total Number of containers	Special Instructions/Note:
	Preservation Code:							F	2	2		
1	GS-1	7/17/20	11:00	C	Solid			X	X	X		Client's Manhole
2	GS-2		12:00		Solid			X	X	X		
3	GS-3		12:45		Solid			X	X	X		
4	GS-4		12:50		~~Solid~~ Water			X	X			
5	Trip Blank		N/A		~~Water~~ Water			X				
					Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Erin Gross	7/17/20, 4:00 pm	Stantec	Paula Buelkey	7/18/20 1010	TA
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.8

Ver: 01/16/2019

Fredrick, Sandie

From: Gross, Erin <Erin.Gross@stantec.com>
Sent: Monday, July 20, 2020 7:49 AM
To: Fredrick, Sandie
Subject: Re: Eurofins TestAmerica Sample Login Confirmation files from 500-185134 Maritime Dr. - 193702757

EXTERNAL EMAIL*

Sandie,

Oh my goodness. Yes, RCRA metals on all samples.
Thank you for clarifying!

Get Outlook for iOS

From: Sandie Fredrick <sandie.fredrick@testamericainc.com>
Sent: Sunday, July 19, 2020 9:05:20 PM
To: Gross, Erin <Erin.Gross@stantec.com>
Subject: Eurofins TestAmerica Sample Login Confirmation files from 500-185134 Maritime Dr. - 193702757

Hello Erin,

Are we running metals on any samples - COC notes them but not checked.
Thanks,
Sandie

Attached, please find the Sample Confirmation files for job 500-185134; Maritime Dr. - 193702757

Please feel free to contact me if you have any questions.

Thank you.

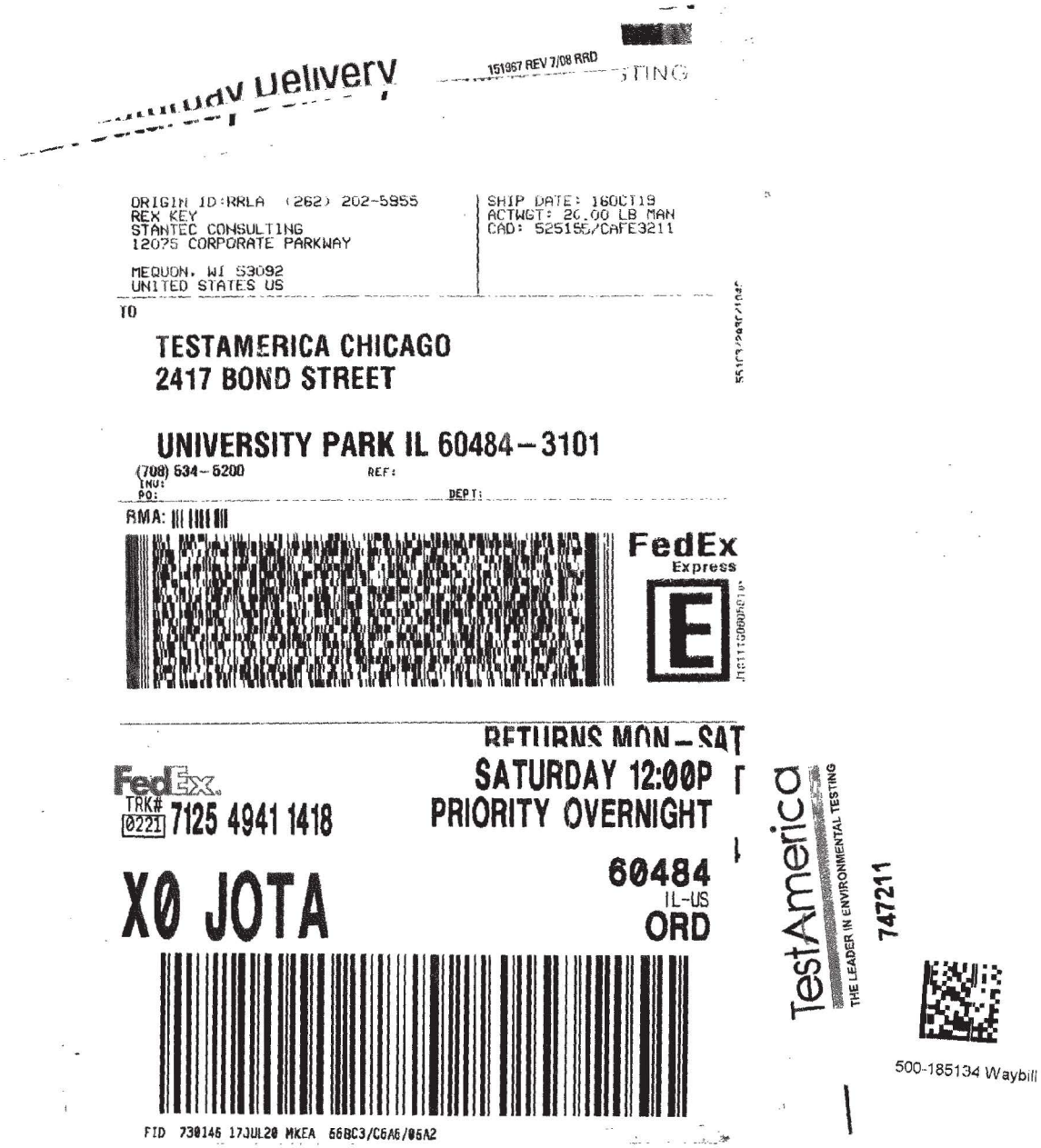
Sandie Fredrick
Project Manager

Eurofins TestAmerica, Chicago
Phone: 920-261-1660

E-mail: sandie.fredrick@testamericainc.com
www.eurofinsus.com/env

Reference: [500-545591]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: Project Feedback


Delivery
151967 REV 7/08 RRD
ORIGIN ID:RRLA (262) 202-5955
REX KEY
STANTEC CONSULTING
12075 CORPORATE PARKWAY
MEQUON, WI 53092
UNITED STATES US
SHIP DATE: 16OCT19
ACTWGT: 20.00 LB MAN
CAD: 525156/CAFE3211
TO
TESTAMERICA CHICAGO
2417 BOND STREET
UNIVERSITY PARK IL 60484-3101
(708) 534-5200
REF:
INV:
PO:
DEPT:
RMA:
FedEx
Express
RETURNS MON-SAT
SATURDAY 12:00P
PRIORITY OVERNIGHT
FedEx
TRK# 0221 7125 4941 1418
60484
IL-US
ORD
X0 JOTA
FID 730145 17JUL20 MKEA 66BC3/C6A6/05A2
TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
747211
500-185134 Waybill

Login Sample Receipt Checklist

Client: Stantec Consulting Corp. Job Number: 500-185134-1

Login Number: 185134 **List Source: Eurofins TestAmerica, Chicago**
List Number: 1
Creator: Buckley, Paula M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Stantec

ATTACHMENT C

cPAH Calculations

Design with community in mind

Residential setting. Not-To-Exceed D-C RCLs from web-calculator at: *http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search* (Chicago as climatic zone).
Not-to-Exceed D-C RCL defaults to 100,000 mg/kg if web-calculator result or Csat exceeds 10% by weight (the ceiling limit concentration defined in EPA RSL Users Guide).
Basis: **ca** = cancer; **nc** = non-cancer; **Csat** = soil saturation concentration; **ceiling** = 10%.

For 7 cPAHs: Individual exceedance <u>not</u> assessed, but assessed via a separate cumulative-only cancer risk threshold level of 5e-06.

Background threshold values are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: *http://pubs.usgs.gov/sir/2011/5202*.

1. ***Enter data in yellow cells.*** Numeric-only values under "INPUT Site Data." For ND, use detection limit. Do not type '-', 'NA' nor 'space bar.' Leave purple cells "as is."
2. ***After completing data entry, click "Get Summary" in Row 924.***

(Contaminants not listed can be added starting at Row 912.)

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAHs / Comparison / Hazard Index / Cumulative Cancer Risk: cPAH Risk Threshold: **5.00E-06** — cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Target CR used: **1.00E-06** — Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca						
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca						
Toluene	108-88-3	5,240.	-	818.	Csat						
Xylenes	1330-20-7	818.	-	260.	Csat						
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca						
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca						
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca						
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca						
Tetrachloroethylene	127-18-4	109.	33.	33.	ca						
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca						
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc						
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc						
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc						
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat						
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca						
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat						
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat						
Dioxane, 1,4-	123-91-1	1,020.	5.72	5.72	ca						
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.006			0.	1.1E-09
Nonane, n-	111-84-2	13.4	-	6.86	Csat						
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.008	6.9E-08	*cPAH*	0.0004	6.9E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.007			0.	
Acenaphthylene	208-96-8	-	-				0.005				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.007			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.006	4.8E-09	*cPAH*		4.8E-09
Benzo(j)fluoranthene	205-82-3	-	0.424	0.424	ca						
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.009	7.7E-09	*cPAH*		7.7E-09
Benzo[g,h,i]perylene	191-24-2	-	-				0.013				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.012	1.0E-09	*cPAH*		1.0E-09
Chrysene	218-01-9	-	115.	115.	ca		0.011	9.6E-11	*cPAH*		9.6E-11
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.008	6.8E-08	*cPAH*		6.8E-08
Dibenzo(a,e)pyrene	192-65-4	-	0.042	0.042	ca						
Dimethylbenz(a)anthracene, 7,12-	57-97-6	-	4.59E-04	4.59E-04	ca						
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.008			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.006			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.011	9.6E-09	*cPAH*		9.6E-09
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.01			0.	5.6E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.008			0.	
Nitropyrene, 4-	57835-92-4	-	0.424	0.424	ca						
Perylene	198-55-0	-	-								
Phenanthrene	85-01-8	-	-				0.006				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.008			0.	
Methylcholanthrene, 3-	56-49-5	-	0.006	0.006	ca						
Aluminum	7429-90-5	77,500.	-	77,500.	nc	28,721.					
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.					
Barium	7440-39-3	15,300.	-	15,300.	nc	364.					
Beryllium and compounds	7440-41-7	156.	1,830.	156.	nc						
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.					
Calcium	7440-70-2	-	-			14,536.					
Chromium(VI)	18540-29-9	234.	0.301	0.301	ca						
Chromium(III), Insoluble Salts	16065-83-1	117,000.	-	100,000.	ceiling						
Chromium, Total	7440-47-3	-	-			44.					
Cobalt	7440-48-4	23.4	487.	23.4	nc	22.					
Copper	7440-50-8	3,130.	-	3,130.	nc	35.					
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat						
Iron	7439-89-6	54,800.	-	54,800.	nc	34,314.					
Magnesium	7439-95-4	-	-			8,290.					
Lead and Compounds	7439-92-1	400.	-	400.		52.					
Manganese (Non-diet)	7439-96-5	1,830.	-	1,830.	nc	2,937.					
Molybdenum	7439-98-7	391.	-	391.	nc						
Nickel Soluble Salts	7440-02-0	1,550.	16,900.	1,550.	nc	31.					
Selenium	7782-49-2	391.	-	391.	nc						
Strontium, Stable	7440-24-6	46,900.	-	46,900.	nc	55.					
Vanadium and Compounds	7440-62-2	393.	-	393.	nc	85.					
Zinc and Compounds	7440-66-6	23,500.	-	23,500.	nc	150.					
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	0.411	0.038	0.038	ca						
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	0.137	0.012	0.012	ca						
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.37	0.124	0.124	ca						
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.37	0.122	0.122	ca						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.11E-04	3.66E-05	3.66E-05	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.37	0.125	0.125	ca						
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	0.001	1.25E-04	1.25E-04	ca						
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.37	0.126	0.126	ca						
Aroclor 1016	12674-11-2	4.11	6.79	4.11	nc						
Aroclor 1221	11104-28-2	-	0.213	0.213	ca						
Aroclor 1232	11141-16-5	-	0.19	0.19	ca						
Aroclor 1242	53469-21-9	-	0.235	0.235	ca						
Aroclor 1248	12672-29-6	-	0.236	0.236	ca						
Aroclor 1254	11097-69-1	1.17	0.239	0.239	ca						
Aroclor 1260	11096-82-5	-	0.243	0.243	ca						
Aroclor 5460	11126-42-4	35.2	-	35.2	nc						
Polychlorinated Biphenyls (high risk)	1336-36-3	-	0.234	0.234	ca						
Acephate	30560-19-1	75.9	-	75.9	nc						
Acetaldehyde	75-07-0	118.	16.1	16.1	ca						
Acetochlor	34256-82-1	1,260.	-	1,260.	nc						
Acetone	67-64-1	63,400.	-	63,400.	nc						
Acetone Cyanohydrin	75-86-5	3,250,000.	-	100,000.	ceiling						
Acetonitrile	75-05-8	1,170.	-	1,170.	nc						
Acetophenone	98-86-2	7,820.	-	2,520.	Csat						
Acetylaminofluorene, 2-	53-96-3	-	0.143	0.143	ca						
Acrolein	107-02-8	0.207	-	0.207	nc						
Acrylamide	79-06-1	126.	0.244	0.244	ca						
Acrylic Acid	79-10-7	143.	-	143.	nc						
Acrylonitrile	107-13-1	23.	0.338	0.338	ca						
Adiponitrile	111-69-3	9,760,000.	-	100,000.	ceiling						
Alachlor	15972-60-8	632.	9.69	9.69	ca						
Aldicarb	116-06-3	63.2	-	63.2	nc						
Aldicarb Sulfone	1646-88-4	63.2	-	63.2	nc						
Aldrin	309-00-2	2.35	0.04	0.04	ca						
Allyl Alcohol	107-18-6	5.08	-	5.08	nc						
Allyl Chloride	107-05-1	2.38	1.04	1.04	ca						
Aluminum metaphosphate	13776-88-0	3,800,000.	-	100,000.	ceiling						
Aluminum Phosphide	20859-73-8	31.3	-	31.3	nc						
Ametryn	834-12-8	569.	-	569.	nc						
Aminobiphenyl, 4-	92-67-1	-	0.026	0.026	ca						
Aminophenol, m-	591-27-5	5,060.	-	5,060.	nc						
Aminophenol, o-	95-55-6	253.	-	253.	nc						
Aminophenol, p-	123-30-8	1,260.	-	1,260.	nc						
Amitraz	33089-61-1	158.	-	158.	nc						
Ammonium Perchlorate	7790-98-9	54.8	-	54.8	nc						
Ammonium polyphosphate	68333-79-9	3,800,000.	-	100,000.	ceiling						
Ammonium Sulfamate	7773-06-0	15,600.	-	15,600.	nc						
Amyl Alcohol, tert-	75-85-4	118.	-	118.	nc						
Aniline	62-53-3	442.	95.2	95.2	ca						
Anthraquinone, 9,10-	84-65-1	126.	13.6	13.6	ca						
Antimony (metallic)	7440-36-0	31.3	-	31.3	nc						
Antimony Pentoxide	1314-60-9	39.1	-	39.1	nc						
Antimony Tetroxide	1332-81-6	31.3	-	31.3	nc						
Antimony Trioxide	1309-64-4	325,000.	-	100,000.	ceiling						
Arsine	7784-42-1	0.274	-	0.274	nc						
Asulam	3337-71-1	2,280.	-	2,280.	nc						
Atrazine	1912-24-9	2,210.	2.36	2.36	ca						
Auramine	492-80-8	-	0.617	0.617	ca						
Avermectin B1	65195-55-3	25.3	-	25.3	nc						
Azinphos-methyl	86-50-0	190.	-	190.	nc						
Azobenzene	103-33-3	-	5.78	5.78	ca						
Azodicarbonamide	123-77-3	9,650.	-	9,650.	nc						
Barium Chromate	10294-40-3	1,560.	0.298	0.298	ca						
Benfluralin	1861-40-1	391.	-	391.	nc						
Benomyl	17804-35-2	3,160.	-	3,160.	nc						
Bensulfuron-methyl	83055-99-6	12,600.	-	12,600.	nc						
Bentazon	25057-89-0	1,900.	-	1,900.	nc						
Benzaldehyde	100-52-7	7,820.	174.	174.	ca						
Benzene, Ethyldimethyl	29224-55-3	-	-	130.	Csat						
Benzene, Ethylmethyl	25550-14-5	-	-	330.	Csat						
Benzene, Methylpropenyl	768-00-3	-	-	407.	Csat						
Benzene, Trimethyl	25551-13-7	-	-	182.	Csat						
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	19.	5.43	5.43	ca						
Benzenethiol	108-98-5	78.2	-	78.2	nc						
Benzidine	92-87-5	190.	5.30E-04	5.30E-04	ca						
Benzoic Acid	65-85-0	253,000.	-	100,000.	ceiling						
Benzotrichloride	98-07-7	-	0.054	0.054	ca						
Benzyl Alcohol	100-51-6	6,320.	-	6,320.	nc						
Benzyl Chloride	100-44-7	30.8	1.39	1.39	ca						
Bifenox	42576-02-3	569.	-	569.	nc						
Biphenthrin	82657-04-3	948.	-	948.	nc						
Biphenyl, 1,1'-	92-52-4	68.5	86.9	68.5	nc						
Bis(2-chloro-1-methylethyl) ether	108-60-1	3,130.	-	1,020.	Csat						
Bis(2-chloroethoxy)methane	111-91-1	190.	-	190.	nc						
Bis(2-chloroethyl)ether	111-44-4	-	0.286	0.286	ca						
Bis(2-ethylhexyl)phthalate	117-81-7	1,260.	38.8	38.8	ca						
Bis(chloromethyl)ether	542-88-1	-	1.18E-04	1.18E-04	ca						
Bisphenol A	80-05-7	3,160.	-	3,160.	nc						
Boron And Borates Only	7440-42-8	15,600.	-	15,600.	nc						
Boron Trichloride	10294-34-5	156,000.	-	100,000.	ceiling						
Boron Trifluoride	7637-07-2	3,130.	-	3,130.	nc						
Bromate	15541-45-4	313.	0.993	0.993	ca						
Bromine	7726-95-6	-	-	100,000.	ceiling						
Bromo-2-chloroethane, 1-	107-04-0	-	0.036	0.036	ca						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Bromo-3-fluorobenzene, 1-	1073-06-9	-	-	896.	Csat						
Bromo-4-Ethylbenzene, 1-	1585-07-5	-	-	103.	Csat						
Bromobenzene	108-86-1	342.	-	342.	nc						
Bromochloromethane	74-97-5	216.	-	216.	nc						
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca						
Bromodiphenyl Ether, p-	101-55-3	-	-	26.9	Csat						
Bromofluorobenzene, p-	460-00-4	-	-	323.	Csat						
Bromoform	75-25-2	1,560.	25.4	25.4	ca						
Bromomethane	74-83-9	9.6	-	9.6	nc						
Bromophos	2104-96-3	391.	-	391.	nc						
Bromopropane, 1-	106-94-5	-	-	966.	Csat						
Bromotrichloromethane	75-62-7	-	-	318.	Csat						
Bromoxynil	1689-84-5	948.	5.27	5.27	ca						
Bromoxynil Octanoate	1689-99-2	1,170.	-	1,170.	nc						
Butadiene, 1,3-	106-99-0	2.61	0.074	0.074	ca						
Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6	1,900.	-	1,900.	nc						
Butanol	35296-72-1	-	-	14,700.	Csat						
Butanol, N-	71-36-3	7,820.	-	7,640.	Csat						
Butyl alcohol, sec-	78-92-2	140,000.	-	21,300.	Csat						
Butyl Benzyl Phthalate	85-68-7	12,600.	286.	286.	ca						
Butyl Formate, tert-	762-75-4	-	-	1,700.	Csat						
Butylacetate	123-86-4	-	-	1,790.	Csat						
Butylate	2008-41-5	3,910.	-	3,910.	nc						
Butylated hydroxyanisole	25013-16-5	-	2,710.	2,710.	ca						
Butylated hydroxytoluene	128-37-0	19,000.	151.	151.	ca						
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat						
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat						
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat						
Butylchloride, t-	507-20-0	-	-	1,330.	Csat						
Butylphthalyl Butylglycolate	85-70-1	63,200.	-	63,200.	nc						
Cacodylic Acid	75-60-5	1,260.	-	1,260.	nc						
Calcium Chromate	13765-19-0	1,560.	0.298	0.298	ca						
Calcium Cyanide	592-01-8	78.2	-	78.2	nc						
Calcium pyrophosphate	7790-76-3	3,800,000.	-	100,000.	ceiling						
Caprolactam	105-60-2	31,300.	-	31,300.	nc						
Captafol	2425-06-1	126.	3.62	3.62	ca						
Captan	133-06-2	8,220.	236.	236.	ca						
Carbaryl	63-25-2	6,320.	-	6,320.	nc						
Carbofuran	1563-66-2	316.	-	316.	nc						
Carbon Disulfide	75-15-0	1,060.	-	738.	Csat						
Carbonyl Sulfide	463-58-1	97.3	-	97.3	nc						
Carbosulfan	55285-14-8	632.	-	632.	nc						
Carboxin	5234-68-4	6,320.	-	6,320.	nc						
Ceric oxide	1306-38-3	1,460,000.	-	100,000.	ceiling						
Chloral	75-87-6	-	-	3,380.	Csat						
Chloral Hydrate	302-17-0	7,820.	-	7,820.	nc						
Chloramben	133-90-4	948.	-	948.	nc						
Chloranil	118-75-2	-	1.35	1.35	ca						
Chlordane	12789-03-6	34.9	1.74	1.74	ca						
Chlordecone (Kepone)	143-50-0	19.	0.054	0.054	ca						
Chlorfenvinphos	470-90-6	44.2	-	44.2	nc						
Chlorimuron, Ethyl-	90982-32-4	5,690.	-	5,690.	nc						
Chlorine	7782-50-5	0.267	-	0.267	nc						
Chlorine Dioxide	10049-04-4	2,330.	-	2,330.	nc						
Chlorite (Sodium Salt)	7758-19-2	2,350.	-	2,350.	nc						
Chloro-1,1-difluoroethane, 1-	75-68-3	77,400.	-	1,150.	Csat						
Chloro-1,3-butadiene, 2-	126-99-8	31.8	0.015	0.015	ca						
Chloro-2-methylaniline HCl, 4-	3165-93-3	-	1.18	1.18	ca						
Chloro-2-methylaniline, 4-	95-69-2	190.	5.43	5.43	ca						
Chloroacetaldehyde, 2-	107-20-0	-	2.57	2.57	ca						
Chloroacetophenone, 2-	532-27-4	48,800.	-	48,800.	nc						
Chloroaniline, p-	106-47-8	253.	2.71	2.71	ca						
Chlorobenzene	108-90-7	370.	-	370.	nc						
Chlorobenzene sulfonic acid, p-	98-66-8	6,320.	-	6,320.	nc						
Chlorobenzilate	510-15-6	1,260.	4.93	4.93	ca						
Chlorobenzoic Acid, p-	74-11-3	1,900.	-	1,900.	nc						
Chlorobenzotrifluoride, 3-nitro-4-	121-17-5	-	-	547.	Csat						
Chlorobenzotrifluoride, 4-	98-56-6	218.	-	218.	nc						
Chlorobutane, 1-	109-69-3	3,130.	-	728.	Csat						
Chlorobutane, 2-	78-86-4	-	-	651.	Csat						
Chlorocyclopentadiene	41851-50-7	-	-	1,010.	Csat						
Chlorodifluoromethane	75-45-6	70,600.	-	1,680.	Csat						
Chloroethanol, 2-	107-07-3	1,560.	-	1,560.	nc						
Chloroethylvinyl ether, 2-	110-75-8	-	-	117.	Csat						
Chloroform	67-66-3	259.	0.454	0.454	ca						
Chloromethane	74-87-3	159.	-	159.	nc						
Chloromethyl Methyl Ether	107-30-2	-	0.028	0.028	ca						
Chloronaphthalene, alpha-	90-13-1	-	-	266.	Csat						
Chloronaphthalene, Beta-	91-58-7	4,780.	-	4,780.	nc						
Chloronitrobenzene, o-	88-73-3	187.	1.81	1.81	ca						
Chloronitrobenzene, p-	100-00-5	44.2	9.04	9.04	ca						
Chlorophenol, 2-	95-57-8	391.	-	391.	nc						
Chlorophenyl Methyl Sulfide, p-	123-09-1	-	-	523.	Csat						
Chloropicrin	76-06-2	2.82	-	2.82	nc						
Chloropropane, 2-	75-29-6	-	-	1,320.	Csat						
Chlorothalonil	1897-45-6	948.	175.	175.	ca						
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat						
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat						
Chlorozotocin	54749-90-5	-	0.002	0.002	ca						
Chlorpropham	101-21-3	3,160.	-	3,160.	nc						
Chlorpyrifos	2921-88-2	63.2	-	63.2	nc						
Chlorpyrifos Methyl	5598-13-0	632.	-	632.	nc						

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Chlorsulfuron	64902-72-3	1,260.	-	1,260.	nc						
Chlorthal-dimethyl	1861-32-1	632.	-	632.	nc						
Chlorthiophos	60238-56-4	50.6	-	50.6	nc						
Clofentezine	74115-24-5	822.	-	822.	nc						
Copper Cyanide	544-92-3	391.	-	391.	nc						
Cresol, m-	108-39-4	3,160.	-	3,160.	nc						
Cresol, o-	95-48-7	3,160.	-	3,160.	nc						
Cresol, p-	106-44-5	6,320.	-	6,320.	nc						
Cresol, p-chloro-m-	59-50-7	6,320.	-	6,320.	nc						
Cresols	1319-77-3	6,320.	-	6,320.	nc						
Crotonaldehyde	4170-30-3	-	-	20,100.	Csat						
Crotonaldehyde, trans-	123-73-9	78.2	0.366	0.366	ca						
Cumene	98-82-8	2,530.	-	268.	Csat						
Cupferron	135-20-6	-	2.47	2.47	ca						
Cyanazine	21725-46-2	126.	0.646	0.646	ca						
Cyanide (CN-)	57-12-5	27.1	-	27.1	nc						
Cyanogen	460-19-5	78.2	-	78.2	nc						
Cyanogen Bromide	506-68-3	7,040.	-	7,040.	nc						
Cyanogen Chloride	506-77-4	3,910.	-	3,910.	nc						
Cyclohexane	110-82-7	9,420.	-	117.	Csat						
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1,260.	27.1	27.1	ca						
Cyclohexanone	108-94-1	39,500.	-	5,110.	Csat						
Cyclohexene	110-83-8	332.	-	283.	Csat						
Cyclohexylamine	108-91-8	15,600.	-	15,600.	nc						
Cyclopentadiene	542-92-7	-	-	1,340.	Csat						
Cyfluthrin	68359-37-5	1,580.	-	1,580.	nc						
Cyhalothrin	68085-85-8	63.2	-	63.2	nc						
Cypermethrin	52315-07-8	3,790.	-	3,790.	nc						
Cyromazine	66215-27-8	948.	-	948.	nc						
Dalapon	75-99-0	1,900.	-	1,900.	nc						
Daminozide	1596-84-5	9,480.	30.1	30.1	ca						
DDD	72-54-8	-	2.26	2.26	ca						
DDE, p,p'-	72-55-9	-	2.	2.	ca						
DDT	50-29-3	36.5	1.89	1.89	ca						
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	442.	775.	442.	nc						
Decane	124-18-5	-	-	2.53	Csat						
Decanol, n-	112-30-1	-	-	31.9	Csat						
Demeton	8065-48-3	2.53	-	2.53	nc						
Di(2-ethylhexyl)adipate	103-23-1	37,900.	452.	452.	ca						
Diallate	2303-16-4	-	8.89	8.89	ca						
Diammonium phosphate	7783-28-0	3,800,000.	-	100,000.	ceiling						
Diazinon	333-41-5	44.2	-	44.2	nc						
Dibenzofuran	132-64-9	73.	-	73.	nc						
Dibenzothiophene	132-65-0	782.	-	782.	nc						
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca						
Dibromobenzene, 1,3-	108-36-1	31.3	-	31.3	nc						
Dibromobenzene, 1,4-	106-37-6	782.	-	782.	nc						
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca						
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc						
Dibutyl Phthalate	84-74-2	6,320.	-	6,320.	nc						
Dibutyltin diacetate	1067-33-0	-	-	1.87	Csat						
Dicalcium phosphate	7757-93-9	3,800,000.	-	100,000.	ceiling						
Dicamba	1918-00-9	1,900.	-	1,900.	nc						
Dichloro-2-butene, 1,4-	764-41-0	-	0.003	0.003	ca						
Dichloro-2-butene, cis-1,4-	1476-11-5	-	0.011	0.011	ca						
Dichloro-2-butene, trans-1,4-	110-57-6	-	0.011	0.011	ca						
Dichloroacetic Acid	79-43-6	253.	10.9	10.9	ca						
Dichlorobenzene	25321-22-6	-	-	193.	Csat						
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat						
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat						
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca						
Dichlorobenzidine, 3,3'-	91-94-1	-	1.21	1.21	ca						
Dichlorobenzophenone, 4,4'-	90-98-2	569.	-	569.	nc						
Dichlorobenzotrifluoride, 3,4-	328-84-7	-	-	302.	Csat						
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc						
Dichlorodiisopropyl ether, 2,2'-	39638-32-9	-	-	235.	Csat						
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca						
Dichlorophenol, 2,4-	120-83-2	190.	-	190.	nc						
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	699.	-	699.	nc						
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca						
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat						
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat						
Dichloropropanol, 2,3-	616-23-9	190.	-	190.	nc						
Dichloropropene, 1,3-	542-75-6	102.	2.37	2.37	ca						
Dichloropropene, 2,3-	78-88-6	-	-	1,070.	Csat						
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat						
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat						
Dichlorvos	62-73-7	31.6	1.87	1.87	ca						
Dicrotophos	141-66-2	4.42	-	4.42	nc						
Dicyclohexylamine	101-83-7	-	-	122.	Csat						
Dicyclopentadiene	77-73-6	1.86	-	1.86	nc						
Dieldrin	60-57-1	3.16	0.034	0.034	ca						
Diepoxybutane	1464-53-5	-	-	100,000.	ceiling						
Diethanolamine	111-42-2	126.	-	126.	nc						
Diethyl Phthalate	84-66-2	50,600.	-	50,600.	nc						
Diethylene Glycol Monobutyl Ether	112-34-5	1,870.	-	1,870.	nc						
Diethylene Glycol Monoethyl Ether	111-90-0	3,760.	-	3,760.	nc						
Diethylformamide	617-84-5	78.2	-	78.2	nc						
Diethylphosphorodithioate	298-06-6	-	-	0.022	Csat						
Diethylstilbestrol	56-53-1	-	0.002	0.002	ca						
Difenzoquat	43222-48-6	5,250.	-	5,250.	nc						
Diflubenzuron	35367-38-5	1,260.	-	1,260.	nc						

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Difluoroethane, 1,1-	75-37-6	69,100.	-	1,430.	Csat						
Difluoropropane, 2,2-	420-45-1	-	-	691.	Csat						
Dihydrosafrole	94-58-6	-	11.2	11.2	ca						
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat						
Diisopropyl Methylphosphonate	1445-75-6	6,260.	-	530.	Csat						
Dimagnesium phosphate	7782-75-4	3,800,000.	-	100,000.	ceiling						
Dimethipin	55290-64-7	1,380.	-	1,380.	nc						
Dimethoate	60-51-5	139.	-	139.	nc						
Dimethoxybenzidine, 3,3'-	119-90-4	-	0.339	0.339	ca						
Dimethyl methylphosphonate	756-79-6	3,790.	319.	319.	ca						
Dimethyl Sulfide	75-18-3	-	-	5,350.	Csat						
Dimethylamino azobenzene [p-]	60-11-7	-	0.118	0.118	ca						
Dimethylaniline HCl, 2,4-	21436-96-4	-	0.935	0.935	ca						
Dimethylaniline, 2,4-	95-68-1	126.	2.71	2.71	ca						
Dimethylaniline, N,N-	121-69-7	156.	25.7	25.7	ca						
Dimethylbenzidine, 3,3'-	119-93-7	-	0.049	0.049	ca						
Dimethylformamide	68-12-2	3,320.	-	3,320.	nc						
Dimethylhydrazine, 1,1-	57-14-7	0.082	-	0.082	nc						
Dimethylhydrazine, 1,2-	540-73-8	-	9.74E-04	9.74E-04	ca						
Dimethylmercury	593-74-8	-	-	2,190.	Csat						
Dimethylphenol, 2,4-	105-67-9	1,260.	-	1,260.	nc						
Dimethylphenol, 2,6-	576-26-1	37.9	-	37.9	nc						
Dimethylphenol, 3,4-	95-65-8	63.2	-	63.2	nc						
Dimethylphthalate	131-11-3	569.	-	569.	nc						
Dimethylterephthalate	120-61-6	7,820.	-	7,820.	nc						
Dimethylvinylchloride	513-37-1	-	1.54	1.54	ca						
Di-n-hexylphthalate	84-75-3	-	-	3.84	Csat						
Dinitrobenzene, 1,2-	528-29-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,3-	99-65-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,4-	100-25-4	6.32	-	6.32	nc						
Dinitro-o-cresol, 4,6-	534-52-1	5.06	-	5.06	nc						
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	126.	-	126.	nc						
Dinitrophenol, 2,4-	51-28-5	126.	-	126.	nc						
Dinitrotoluene, 2,4-	121-14-2	126.	1.74	1.74	ca						
Dinitrotoluene, 2,6-	606-20-2	19.	0.363	0.363	ca						
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	154.	-	154.	nc						
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	153.	-	153.	nc						
Dinitrotoluene, Technical grade	25321-14-6	56.9	1.21	1.21	ca						
Dinoseb	88-85-7	63.2	-	63.2	nc						
Diphenamid	957-51-7	1,900.	-	1,900.	nc						
Diphenyl Sulfone	127-63-9	50.6	-	50.6	nc						
Diphenylamine	122-39-4	6,320.	-	6,320.	nc						
Diphenylhydrazine, 1,2-	122-66-7	-	0.678	0.678	ca						
Dipotassium phosphate	7758-11-4	3,800,000.	-	100,000.	ceiling						
Diquat	85-00-7	139.	-	139.	nc						
Direct Black 38	1937-37-7	-	0.076	0.076	ca						
Direct Blue 6	2602-46-2	-	0.073	0.073	ca						
Direct Brown 95	16071-86-6	-	0.081	0.081	ca						
Disodium phosphate	7558-79-4	3,800,000.	-	100,000.	ceiling						
Disulfoton	298-04-4	2.53	-	2.53	nc						
Dithiane, 1,4-	505-29-3	782.	-	782.	nc						
Diuron	330-54-1	126.	-	126.	nc						
Dodine	2439-10-3	1,260.	-	1,260.	nc						
Endosulfan	115-29-7	469.	-	469.	nc						
Endothall	145-73-3	1,260.	-	1,260.	nc						
Endrin	72-20-8	19.	-	19.	nc						
Epichlorohydrin	106-89-8	26.8	33.4	26.8	nc						
Epoxybutane, 1,2-	106-88-7	231.	-	231.	nc						
EPTC	759-94-4	3,910.	-	3,910.	nc						
Ethanol	64-17-5	-	-	100,000.	ceiling						
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2,530.	-	2,530.	nc						
Ethephon	16672-87-0	316.	-	316.	nc						
Ethion	563-12-2	31.6	-	31.6	nc						
Ethoxy Propanol	52125-53-8	-	-	39,600.	Csat						
Ethoxyethanol Acetate, 2-	111-15-9	3,250.	-	3,250.	nc						
Ethoxyethanol, 2-	110-80-5	5,690.	-	5,690.	nc						
Ethyl Acetate	141-78-6	897.	-	897.	nc						
Ethyl Acrylate	140-88-5	63.9	-	63.9	nc						
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat						
Ethyl Ether	60-29-7	15,600.	-	10,100.	Csat						
Ethyl Methacrylate	97-63-2	2,610.	-	1,100.	Csat						
Ethylene Cyanohydrin	109-78-4	4,420.	-	4,420.	nc						
Ethylene Diamine	107-15-3	7,040.	-	7,040.	nc						
Ethylene Glycol	107-21-1	126,000.	-	100,000.	ceiling						
Ethylene Glycol Monobutyl Ether	111-76-2	6,320.	-	6,320.	nc						
Ethylene Oxide	75-21-8	275.	0.003	0.003	ca						
Ethylene Thiourea	96-45-7	5.06	12.1	5.06	nc						
Ethyleneimine	151-56-4	-	0.003	0.003	ca						
Ethylphthalyl Ethyl Glycolate	84-72-0	190,000.	-	100,000.	ceiling						
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	0.632	-	0.632	nc						
Fenamiphos	22224-92-6	15.8	-	15.8	nc						
Fenpropathrin	39515-41-8	1,580.	-	1,580.	nc						
Fenvalerate	51630-58-1	1,580.	-	1,580.	nc						
Fluometuron	2164-17-2	822.	-	822.	nc						
Fluoride	16984-48-8	3,130.	-	3,130.	nc						
Fluorine (Soluble Fluoride)	7782-41-4	4,690.	-	4,690.	nc						
Fluorobenzene	462-06-6	-	-	2,390.	Csat						
Fluorophenol, 2-	367-12-4	-	-	27,300.	Csat						
Fluridone	59756-60-4	5,060.	-	5,060.	nc						
Flurprimidol	56425-91-3	948.	-	948.	nc						
Flusilazole	85509-19-9	126.	-	126.	nc						
Flutolanil	66332-96-5	31,600.	-	31,600.	nc						

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Fluvalinate	69409-94-5	632.	-	632.	nc						
Folpet	133-07-3	5,690.	-	5,690.	nc						
Fomesafen	72178-02-0	158.	-	158.	nc						
Fonofos	944-22-9	126.	-	126.	nc						
Formaldehyde	50-00-0	1,070.	24.2	24.2	ca						
Formic Acid	64-18-6	42.	-	42.	nc						
Fosetyl-AL	39148-24-8	158,000.	-	100,000.	ceiling						
Furan	110-00-9	73.	-	73.	nc						
Furazolidone	67-45-8	-	0.143	0.143	ca						
Furfural	98-01-1	220.	-	220.	nc						
Furium	531-82-8	-	0.362	0.362	ca						
Furmecyclox	60568-05-0	-	18.1	18.1	ca						
Glufosinate, Ammonium	77182-82-2	379.	-	379.	nc						
Glutaraldehyde	111-30-8	130,000.	-	100,000.	ceiling						
Glycidyl	765-34-4	25.1	-	25.1	nc						
Glyphosate	1071-83-6	6,320.	-	6,320.	nc						
Guanidine	113-00-8	782.	-	782.	nc						
Guanidine Chloride	50-01-1	1,260.	-	1,260.	nc						
Guanidine Nitrate	506-93-4	1,900.	-	1,900.	nc						
Haloxyfop, Methyl	69806-40-2	3.16	-	3.16	nc						
HCDD, 1,2,3,4,6,7,8,-	35822-46-9	0.073	4.84E-04	4.84E-04	ca						
Heptachlor	76-44-8	39.1	0.14	0.14	ca						
Heptachlor Epoxide	1024-57-3	1.02	0.072	0.072	ca						
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562-39-4	0.005	4.90E-04	4.90E-04	ca						
Heptanal, n-	111-71-7	-	-	209.	Csat						
Heptane, N-	142-82-5	22.5	-	22.5	nc						
Heptanol, n-	111-70-6	-	-	378.	Csat						
Hexabromobenzene	87-82-1	156.	-	156.	nc						
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	12.6	-	12.6	nc						
Hexachlorobenzene	118-74-1	62.6	0.252	0.252	ca						
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca						
Hexachlorocyclohexane, Alpha-	319-84-6	506.	0.086	0.086	ca						
Hexachlorocyclohexane, Beta-	319-85-7	-	0.301	0.301	ca						
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	21.4	0.568	0.568	ca						
Hexachlorocyclohexane, Technical	608-73-1	-	0.301	0.301	ca						
Hexachlorocyclopentadiene	77-47-4	2.55	-	2.55	nc						
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	5.11E-04	4.85E-05	4.85E-05	ca						
Hexachlorodibenzo-p-dioxin	34465-46-8	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	39227-28-6	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachloroethane	67-72-1	47.6	2.52	2.52	ca						
Hexachlorophene	70-30-4	19.	-	19.	nc						
Hexachloropropene	1888-71-7	-	-	43.8	Csat						
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	227.	6.06	6.06	ca						
Hexamethylene Diisocyanate, 1,6-	822-06-0	4.52	-	4.52	nc						
Hexamethylphosphoramide	680-31-9	25.3	-	25.3	nc						
Hexane, N-	110-54-3	874.	-	141.	Csat						
Hexanedioic Acid	124-04-9	126,000.	-	100,000.	ceiling						
Hexanol, n-	111-27-3	-	-	999.	Csat						
Hexanone, 2-	591-78-6	237.	-	237.	nc						
Hexazinone	51235-04-2	2,090.	-	2,090.	nc						
Hexythiazox	78587-05-0	1,580.	-	1,580.	nc						
HpCDD, 2,3,7,8-	37871-00-4	0.005	4.84E-04	4.84E-04	ca						
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	0.005	4.90E-04	4.90E-04	ca						
HpCDF, 2,3,7,8-	38998-75-3	0.005	4.90E-04	4.90E-04	ca						
HxCDD, 1,2,3,6,7,8-	57653-85-7	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDD, 1,2,3,7,8,9-	19408-74-3	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 1,2,3,6,7,8-	57117-44-9	5.11E-04	4.85E-05	4.85E-05	ca						
HxCDF, 1,2,3,7,8,9-	72918-21-9	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,4,6,7,8-	60851-34-5	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,7,8-	55684-94-1	5.11E-04	4.93E-05	4.93E-05	ca						
Hydramethylnon	67485-29-4	1,070.	-	1,070.	nc						
Hydrazine	302-01-2	48,800.	0.232	0.232	ca						
Hydrazine Sulfate	10034-93-2	-	0.232	0.232	ca						
Hydrogen Chloride	7647-01-0	32,500,000.	-	100,000.	ceiling						
Hydrogen Cyanide	74-90-8	26.9	-	26.9	nc						
Hydrogen Fluoride	7664-39-3	3,130.	-	3,130.	nc						
Hydrogen Sulfide	7783-06-4	3,250,000.	-	100,000.	ceiling						
Hydroquinone	123-31-9	2,530.	9.04	9.04	ca						
Imazalil	35554-44-0	158.	8.88	8.88	ca						
Imazaquin	81335-37-7	15,800.	-	15,800.	nc						
Imazethapyr	81335-77-5	158,000.	-	100,000.	ceiling						
Iodine	7553-56-2	782.	-	782.	nc						
Iodomethane	74-88-4	-	-	3,040.	Csat						
Iprodione	36734-19-7	2,530.	-	2,530.	nc						
Isobutyl Alcohol	78-83-1	23,500.	-	10,000.	Csat						
Isophorone	78-59-1	12,600.	571.	571.	ca						
Isopropalin	33820-53-0	1,170.	-	1,170.	nc						
Isopropanol	67-63-0	7,920.	-	7,920.	nc						
Isopropyl Methyl Phosphonic Acid	1832-54-8	6,320.	-	6,320.	nc						
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat						
Isosafrole	120-58-1	-	-	234.	Csat						
Isoxaben	82558-50-7	3,160.	-	3,160.	nc						
Lactofen	77501-63-4	506.	-	506.	nc						
Lead acetate	301-04-2	-	63.8	63.8	ca						
Lead Chromate	7758-97-6	1,560.	0.298	0.298	ca						
Lead Phosphate	7446-27-7	-	81.8	81.8	ca						
Lead subacetate	1335-32-6	-	63.8	63.8	ca						
Lewisite	541-25-3	0.391	-	0.391	nc						
Linuron	330-55-2	487.	-	487.	nc						
Lithium	7439-93-2	156.	-	156.	nc						
Lithium Perchlorate	7791-03-9	54.8	-	54.8	nc						
Malathion	121-75-5	1,260.	-	1,260.	nc						

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Maleic Anhydride	108-31-6	6,290.	-	6,290.	nc						
Maleic Hydrazide	123-33-1	31,600.	-	31,600.	nc						
Malononitrile	109-77-3	6.32	-	6.32	nc						
Mancozeb	8018-01-7	1,900.	-	1,900.	nc						
Maneb	12427-38-2	316.	-	316.	nc						
MCPA	94-74-6	31.6	-	31.6	nc						
MCPB	94-81-5	278.	-	278.	nc						
MCPP	93-65-2	63.2	-	63.2	nc						
Mephosfolan	950-10-7	5.69	-	5.69	nc						
Mepiquat Chloride	24307-26-4	1,900.	-	1,900.	nc						
Mercaptobenzothiazole, 2-	149-30-4	253.	49.3	49.3	ca						
Mercuric Chloride	7487-94-7	23.5	-	23.5	nc						
Merphos	150-50-5	2.35	-	2.35	nc						
Merphos Oxide	78-48-8	6.32	-	6.32	nc						
Metalaxyl	57837-19-1	3,790.	-	3,790.	nc						
Methacrylonitrile	126-98-7	7.63	-	7.63	nc						
Methamidophos	10265-92-6	3.16	-	3.16	nc						
Methanol	67-56-1	133,000.	-	100,000.	ceiling						
Methidathion	950-37-8	94.8	-	94.8	nc						
Methomyl	16752-77-5	1,580.	-	1,580.	nc						
Methoxy-5-nitroaniline, 2-	99-59-2	-	11.1	11.1	ca						
Methoxychlor	72-43-5	316.	-	316.	nc						
Methoxyethanol Acetate, 2-	110-49-6	144.	-	144.	nc						
Methoxyethanol, 2-	109-86-4	346.	-	346.	nc						
Methyl Acetate	79-20-9	78,200.	-	29,000.	Csat						
Methyl Acrylate	96-33-3	210.	-	210.	nc						
Methyl Ethyl Ketone (2-Butanone)	78-93-3	31,100.	-	28,400.	Csat						
Methyl Hydrazine	60-34-4	1.49	0.204	0.204	ca						
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	47,700.	-	3,360.	Csat						
Methyl Isocyanate	624-83-9	6.65	-	6.65	nc						
Methyl Mercaptan	74-93-1	-	-	3,130.	Csat						
Methyl Mercury	22967-92-6	7.82	-	7.82	nc						
Methyl Methacrylate	80-62-6	6,290.	-	2,360.	Csat						
Methyl methanesulfonate	66-27-3	-	5.48	5.48	ca						
Methyl Parathion	298-00-0	15.8	-	15.8	nc						
Methyl Phosphonic Acid	993-13-5	3,790.	-	3,790.	nc						
Methyl Styrene (Mixed Isomers)	25013-15-4	355.	-	355.	nc						
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	19.	-	19.	nc						
Methyl-2-Pentanol, 4-	108-11-2	-	-	2,450.	Csat						
Methyl-5-Nitroaniline, 2-	99-55-8	1,260.	60.3	60.3	ca						
Methylaniline Hydrochloride, 2-	636-21-5	-	4.17	4.17	ca						
Methylarsonic acid	124-58-3	632.	-	632.	nc						
Methylaziridine, 2-	75-55-8	-	-	100,000.	ceiling						
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	12.6	-	12.6	nc						
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	19.	5.43	5.43	ca						
Methylcyclohexane	108-87-2	-	-	67.6	Csat						
Methylcyclohexylamine, n-	100-60-7	-	-	5,700.	Csat						
Methylcyclopentane	96-37-7	-	-	155.	Csat						
Methylene Chloride	75-09-2	379.	61.8	61.8	ca						
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	126.	1.22	1.22	ca						
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	-	11.8	11.8	ca						
Methylenebisbenzenamine, 4,4'-	101-77-9	32,500,000.	0.339	0.339	ca						
Methylenediphenyl Diisocyanate	101-68-8	976,000.	-	100,000.	ceiling						
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	-	0.065	0.065	ca						
Methylstyrene, Alpha-	98-83-9	5,480.	-	500.	Csat						
Methyltriethyl Lead	1762-28-3	-	-	13.2	Csat						
Metolachlor	51218-45-2	9,480.	-	9,480.	nc						
Metribuzin	21087-64-9	1,580.	-	1,580.	nc						
Metsulfuron-methyl	74223-64-6	15,800.	-	15,800.	nc						
Mineral oils	8012-95-1	235,000.	-	0.342	Csat						
Mirex	2385-85-5	15.6	0.037	0.037	ca						
Molinate	2212-67-1	126.	-	126.	nc						
Monoaluminum phosphate	13530-50-2	3,800,000.	-	100,000.	ceiling						
Monoammonium phosphate	7722-76-1	3,800,000.	-	100,000.	ceiling						
Monocalcium phosphate	7758-23-8	3,800,000.	-	100,000.	ceiling						
Monochloramine	10599-90-3	7,820.	-	7,820.	nc						
Monomagnesium phosphate	7757-86-0	3,800,000.	-	100,000.	ceiling						
Monomethylaniline	100-61-8	126.	-	126.	nc						
Monopotassium phosphate	7778-77-0	3,800,000.	-	100,000.	ceiling						
Monosodium phosphate	7558-80-7	3,800,000.	-	100,000.	ceiling						
Myclobutanil	88671-89-0	1,580.	-	1,580.	nc						
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	19.	-	19.	nc						
Naled	300-76-5	156.	-	156.	nc						
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2,350.	-	2,350.	nc						
Naphthylamine, 2-	91-59-8	-	0.301	0.301	ca						
Napropamide	15299-99-7	7,590.	-	7,590.	nc						
Nickel Acetate	373-02-4	675.	16,900.	675.	nc						
Nickel Carbonate	3333-67-3	675.	16,900.	675.	nc						
Nickel Carbonyl	13463-39-3	829.	16,900.	829.	nc						
Nickel Hydroxide	12054-48-7	829.	16,900.	829.	nc						
Nickel Oxide	1313-99-1	838.	16,900.	838.	nc						
Nickel Subsulfide	12035-72-2	829.	0.409	0.409	ca						
Nickelocene	1271-28-9	675.	16,900.	675.	nc						
Nitrate	14797-55-8	125,000.	-	100,000.	ceiling						
Nitrite	14797-65-0	7,820.	-	7,820.	nc						
Nitroaniline, 2-	88-74-4	627.	-	627.	nc						
Nitroaniline, 4-	100-01-6	253.	27.1	27.1	ca						
Nitrobenzene	98-95-3	135.	7.42	7.42	ca						
Nitrocellulose	9004-70-0	190,000,000.	-	100,000.	ceiling						
Nitrofurantoin	67-20-9	4,420.	-	4,420.	nc						
Nitrofurazone	59-87-0	-	0.417	0.417	ca						
Nitroglycerin	55-63-0	6.32	31.9	6.32	nc						

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Nitroguanidine	556-88-7	6,320.	-	6,320.	nc						
Nitromethane	75-52-5	127.	7.8	7.8	ca						
Nitropropane, 2-	79-46-9	396.	0.02	0.02	ca						
Nitrosodiethanolamine, N-	1116-54-7	-	0.194	0.194	ca						
Nitrosodiethylamine, N-	55-18-5	-	8.12E-04	8.12E-04	ca						
Nitrosodimethylamine, N-	62-75-9	0.556	0.002	0.002	ca						
Nitroso-di-N-butylamine, N-	924-16-3	-	0.106	0.106	ca						
Nitroso-di-N-propylamine, N-	621-64-7	-	0.078	0.078	ca						
Nitrosodiphenylamine, N-	86-30-6	-	111.	111.	ca						
Nitrosomethylethylamine, N-	10595-95-6	-	0.023	0.023	ca						
Nitrosomethylvinylamine, N-	4549-40-0	-	-	10,800.	Csat						
Nitrosomorpholine [N-]	59-89-2	-	0.081	0.081	ca						
Nitroso-N-ethylurea, N-	759-73-9	-	0.005	0.005	ca						
Nitroso-N-methylurea, N-	684-93-5	-	0.001	0.001	ca						
Nitrosopiperidine [N-]	100-75-4	-	0.058	0.058	ca						
Nitrosopyrrolidine, N-	930-55-2	-	0.258	0.258	ca						
Nitrotoluene, m-	99-08-1	6.32	-	6.32	nc						
Nitrotoluene, o-	88-72-2	70.4	3.16	3.16	ca						
Nitrotoluene, p-	99-99-0	253.	33.9	33.9	ca						
Nonanol, n-	143-08-8	-	-	72.6	Csat						
Norflurazon	27314-13-2	948.	-	948.	nc						
OCDD	3268-87-9	0.17	0.016	0.016	ca						
OCDF	39001-02-0	0.17	0.016	0.016	ca						
Octabromodiphenyl Ether	32536-52-0	190.	-	190.	nc						
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3,860.	-	3,860.	nc						
Octamethylpyrophosphoramide	152-16-9	126.	-	126.	nc						
Octanol, n-	111-87-5	-	-	178.	Csat						
Octanone, 2-	111-13-7	-	-	360.	Csat						
Octanone, 3-	106-68-3	-	-	1,070.	Csat						
Octyl Phthalate, di-N-	117-84-0	632.	-	632.	nc						
Oleic acid	112-80-1	-	-	0.809	Csat						
Oryzalin	19044-88-3	8,850.	69.7	69.7	ca						
Oxadiazon	19666-30-9	316.	-	316.	nc						
Oxamyl	23135-22-0	1,580.	-	1,580.	nc						
Oxyfluorfen	42874-03-3	1,900.	7.41	7.41	ca						
Paclobutrazol	76738-62-0	822.	-	822.	nc						
Paraquat Dichloride	1910-42-5	284.	-	284.	nc						
Parathion	56-38-2	379.	-	379.	nc						
Pebulate	1114-71-2	3,910.	-	3,910.	nc						
PeCDD, 2,3,7,8-	36088-22-9	5.11E-05	4.93E-06	4.93E-06	ca						
PeCDF, 1,2,3,7,8-	57117-41-6	0.002	1.64E-04	1.64E-04	ca						
PeCDF, 2,3,4,7,8-	57117-31-4	1.70E-04	1.64E-05	1.64E-05	ca						
Pendimethalin	40487-42-1	1,900.	-	1,900.	nc						
Pentabromodiphenyl Ether	32534-81-9	156.	-	0.312	Csat						
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.32	-	6.32	nc						
Pentachlorobenzene	608-93-5	62.6	-	62.6	nc						
Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	5.11E-05	4.93E-06	4.93E-06	ca						
Pentachloroethane	76-01-7	-	7.72	7.72	ca						
Pentachloronitrobenzene	82-68-8	235.	2.67	2.67	ca						
Pentachlorophenol	87-86-5	245.	1.02	1.02	ca						
Pentaerythritol tetranitrate (PETN)	78-11-5	126.	136.	126.	nc						
Pentane, n-	109-66-0	1,170.	-	388.	Csat						
Pentyl Alcohol, N-	71-41-0	-	-	3,040.	Csat						
Perchlorate and Perchlorate Salts	14797-73-0	54.8	-	54.8	nc						
Perfluorobutane Sulfonate (PFBS)	375-73-5	1,260.	-	1,260.	nc						
Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.26	-	1.26	nc						
Perfluorooctanoic acid (PFOA)	335-67-1	1.26	7.75	1.26	nc						
Permethrin	52645-53-1	3,160.	-	3,160.	nc						
Phenacetin	62-44-2	-	247.	247.	ca						
Phenmedipham	13684-63-4	15,200.	-	15,200.	nc						
Phenol	108-95-2	19,000.	-	19,000.	nc						
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	253.	-	253.	nc						
Phenothiazine	92-84-2	31.6	-	31.6	nc						
Phenyl Isothiocyanate	103-72-0	15.6	-	15.6	nc						
Phenylenediamine, m-	108-45-2	379.	-	379.	nc						
Phenylenediamine, o-	95-54-5	253.	4.52	4.52	ca						
Phenylenediamine, p-	106-50-3	63.2	-	63.2	nc						
Phenylmercuric Acetate	62-38-4	5.06	-	5.06	nc						
Phenylphenol, 2-	90-43-7	-	280.	280.	ca						
Phorate	298-02-2	12.6	-	12.6	nc						
Phosgene	75-44-5	0.443	-	0.443	nc						
Phosmet	732-11-6	1,260.	-	1,260.	nc						
Phosphine	7803-51-2	23.5	-	23.5	nc						
Phosphoric Acid	7664-38-2	3,080,000.	-	100,000.	ceiling						
Phosphorus, White	7723-14-0	1.56	-	1.56	nc						
Phthalic Acid, P-	100-21-0	63,200.	-	63,200.	nc						
Phthalic Anhydride	85-44-9	126,000.	-	100,000.	ceiling						
Picloram	1918-02-1	4,420.	-	4,420.	nc						
Picoline, 2-	109-06-8	-	-	100,000.	ceiling						
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.32	-	6.32	nc						
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	56.9	-	56.9	nc						
Piperidine	110-89-4	-	-	100,000.	ceiling						
Pirimiphos, Methyl	29232-93-7	4.21	-	4.21	nc						
Polybrominated Biphenyls	59536-65-1	0.442	0.018	0.018	ca						
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	976,000.	-	100,000.	ceiling						
Polyphosphoric acid	8017-16-1	3,800,000.	-	100,000.	ceiling						
Potassium Cyanide	151-50-8	156.	-	156.	nc						
Potassium Perchlorate	7778-74-7	54.8	-	54.8	nc						
Potassium Perfluorobutane Sulfonate	29420-49-3	1,260.	-	1,260.	nc						
Potassium Perfluorooctane Sulfonate	2795-39-3	1.26	-	1.26	nc						
Potassium Silver Cyanide	506-61-6	391.	-	391.	nc						
Potassium tripolyphosphate	13845-36-8	3,800,000.	-	100,000.	ceiling						

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Prochloraz	67747-09-5	569.	3.62	3.62	ca						
Profluralin	26399-36-0	469.	-	469.	nc						
Prometon	1610-18-0	948.	-	948.	nc						
Prometryn	7287-19-6	2,530.	-	2,530.	nc						
Propachlor	1918-16-7	822.	-	822.	nc						
Propanil	709-98-8	316.	-	316.	nc						
Propargite	2312-35-8	2,530.	16.6	16.6	ca						
Propargyl Alcohol	107-19-7	156.	-	156.	nc						
Propazine	139-40-2	1,260.	-	1,260.	nc						
Propham	122-42-9	1,260.	-	1,260.	nc						
Propiconazole	60207-90-1	6,320.	-	6,320.	nc						
Propionaldehyde	123-38-6	108.	-	108.	nc						
Propionitrile	107-12-0	-	-	15,600.	Csat						
Propionitrile, 3-(NN-dimethylamino)	1738-25-6	-	-	100,000.	ceiling						
Propyl Alcohol, n-	71-23-8	-	-	100,000.	ceiling						
Propyl benzene	103-65-1	4,490.	-	264.	Csat						
Propylene	115-07-1	3,180.	-	349.	Csat						
Propylene Glycol	57-55-6	1,260,000.	-	100,000.	ceiling						
Propylene Glycol Dinitrate	6423-43-4	442,000.	-	100,000.	ceiling						
Propylene Glycol Monoethyl Ether	1569-02-4	-	-	39,500.	Csat						
Propylene Glycol Monomethyl Ether	107-98-2	44,400.	-	44,400.	nc						
Propylene Oxide	75-56-9	465.	2.3	2.3	ca						
Propyzamide	23950-58-5	4,740.	-	4,740.	nc						
Pyridine	110-86-1	78.2	-	78.2	nc						
Quinalphos	13593-03-8	31.6	-	31.6	nc						
Quinoline	91-22-5	-	0.181	0.181	ca						
Quizalofop-ethyl	76578-14-8	569.	-	569.	nc						
Resmethrin	10453-86-8	1,900.	-	1,900.	nc						
Ronnel	299-84-3	3,910.	-	3,910.	nc						
Rotenone	83-79-4	253.	-	253.	nc						
Safrole	94-59-7	-	0.554	0.554	ca						
Selenious Acid	7783-00-8	391.	-	391.	nc						
Selenium Sulfide	7446-34-6	391.	-	391.	nc						
Selenourea	630-10-4	-	-	100,000.	ceiling						
Sethoxydim	74051-80-2	8,850.	-	8,850.	nc						
Silica (crystalline, respirable)	7631-86-9	4,880,000.	-	100,000.	ceiling						
Silver	7440-22-4	391.	-	391.	nc						
Silver Cyanide	506-64-9	7,820.	-	7,820.	nc						
Simazine	122-34-9	316.	4.52	4.52	ca						
Sodium acid pyrophosphate	7758-16-9	3,800,000.	-	100,000.	ceiling						
Sodium Acifluorfen	62476-59-9	822.	-	822.	nc						
Sodium aluminum phosphate (acidic)	7785-88-8	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (anhydrous)	10279-59-1	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3,800,000.	-	100,000.	ceiling						
Sodium Azide	26628-22-8	313.	-	313.	nc						
Sodium Cyanide	143-33-9	78.2	-	78.2	nc						
Sodium Dichromate	10588-01-9	1,560.	0.298	0.298	ca						
Sodium Diethyldithiocarbamate	148-18-5	1,900.	2.01	2.01	ca						
Sodium Fluoride	7681-49-4	3,910.	-	3,910.	nc						
Sodium Fluoroacetate	62-74-8	1.26	-	1.26	nc						
Sodium hexametaphosphate	10124-56-8	3,800,000.	-	100,000.	ceiling						
Sodium Metavanadate	13718-26-8	78.2	-	78.2	nc						
Sodium Perchlorate	7601-89-0	54.8	-	54.8	nc						
Sodium polyphosphate	68915-31-1	3,800,000.	-	100,000.	ceiling						
Sodium trimetaphosphate	7785-84-4	3,800,000.	-	100,000.	ceiling						
Sodium tripolyphosphate	7758-29-4	3,800,000.	-	100,000.	ceiling						
Sodium Tungstate	13472-45-2	62.6	-	62.6	nc						
Sodium Tungstate Dihydrate	10213-10-2	62.6	-	62.6	nc						
Stirofos (Tetrachlorovinphos)	961-11-5	1,900.	22.6	22.6	ca						
Strontium Chromate	7789-06-2	1,560.	0.298	0.298	ca						
Strychnine	57-24-9	19.	-	19.	nc						
Styrene	100-42-5	7,410.	-	867.	Csat						
Sulfolane	126-33-0	63.2	-	63.2	nc						
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	50.6	-	50.6	nc						
Sulfur Mustard	505-60-2	-	-	1,050.	Csat						
Sulfur Trioxide	7446-11-9	1,630,000.	-	100,000.	ceiling						
Sulfuric Acid	7664-93-9	1,630,000.	-	100,000.	ceiling						
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3,160.	21.7	21.7	ca						
TCDD, 2,3,7,8-	1746-01-6	5.11E-05	4.82E-06	4.82E-06	ca						
TCDF, 2,3,7,8-	51207-31-9	5.11E-04	4.84E-05	4.84E-05	ca						
TCMTB	21564-17-0	1,900.	-	1,900.	nc						
Tebuthiuron	34014-18-1	4,420.	-	4,420.	nc						
Temephos	3383-96-8	1,260.	-	1,260.	nc						
Terbacil	5902-51-2	822.	-	822.	nc						
Terbufos	13071-79-9	1.96	-	1.96	nc						
Terbutryn	886-50-0	63.2	-	63.2	nc						
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.32	-	6.32	nc						
Tetrachlorobenzene, 1,2,4,5-	95-94-3	23.5	-	23.5	nc						
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca						
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca						
Tetrachlorophenol, 2,3,4,6-	58-90-2	1,900.	-	1,900.	nc						
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	-	0.035	0.035	ca						
Tetraethyl Dithiopyrophosphate	3689-24-5	31.6	-	31.6	nc						
Tetraethyl Lead	78-00-2	0.008	-	0.008	nc						
Tetrafluoroethane, 1,1,1,2-	811-97-2	147,000.	-	2,050.	Csat						
Tetrahydrofuran	109-99-9	23,300.	-	23,300.	nc						
Tetrahydrothiophene	110-01-0	-	-	2,180.	Csat						
Tetrapotassium phosphate	7320-34-5	3,800,000.	-	100,000.	ceiling						
Tetrasodium pyrophosphate	7722-88-5	3,800,000.	-	100,000.	ceiling						
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	156.	-	156.	nc						
Thallic Oxide	1314-32-5	1.56	-	1.56	nc						
Thallium (I) Nitrate	10102-45-1	0.782	-	0.782	nc						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Thallium (Soluble Salts)	7440-28-0	0.782	-	0.782	nc						
Thallium Acetate	563-68-8	0.782	-	0.782	nc						
Thallium Carbonate	6533-73-9	1.56	-	1.56	nc						
Thallium Chloride	7791-12-0	0.782	-	0.782	nc						
Thallium Selenite	12039-52-0	0.782	-	0.782	nc						
Thallium Sulfate	7446-18-6	1.56	-	1.56	nc						
Thifensulfuron-methyl	79277-27-3	2,720.	-	2,720.	nc						
Thiobencarb	28249-77-6	632.	-	632.	nc						
Thiocyanic Acid	463-56-9	15.6	-	15.6	nc						
Thiodiglycol	111-48-8	5,380.	-	5,380.	nc						
Thiofanox	39196-18-4	19.	-	19.	nc						
Thiophanate, Methyl	23564-05-8	1,690.	46.8	46.8	ca						
Thiophene	110-02-1	-	-	1,800.	Csat						
Thiram	137-26-8	948.	-	948.	nc						
Tin	7440-31-5	46,900.	-	46,900.	nc						
Titanium Tetrachloride	7550-45-0	163,000.	-	100,000.	ceiling						
Toluene-2,4-diisocyanate	584-84-9	9.17	281.	9.17	nc						
Toluene-2,5-diamine	95-70-5	12.6	3.01	3.01	ca						
Toluene-2,6-diisocyanate	91-08-7	7.6	233.	7.6	nc						
Toluidine, o- (Methylaniline, 2-)	95-53-4	-	33.9	33.9	ca						
Toluidine, p-	106-49-0	253.	18.1	18.1	ca						
Toxaphene	8001-35-2	-	0.493	0.493	ca						
Tralomethrin	66841-25-6	474.	-	474.	nc						
Triacetin	102-76-1	5,060,000.	-	100,000.	ceiling						
Triadimefon	43121-43-3	2,150.	-	2,150.	nc						
Triallate	2303-17-5	1,960.	9.7	9.7	ca						
Trialuminum sodium tetra decahydrog	15136-87-5	3,800,000.	-	100,000.	ceiling						
Triasulfuron	82097-50-5	632.	-	632.	nc						
Tribenuron-methyl	101200-48-0	506.	-	506.	nc						
Tribromobenzene, 1,2,4-	615-54-3	391.	-	391.	nc						
Tributyl Phosphate	126-73-8	632.	60.3	60.3	ca						
Tributyltin chloride	1461-22-9	-	-	1,250.	Csat						
Tributyltin Oxide	56-35-9	19.	-	19.	nc						
Tricalcium phosphate	7758-87-4	3,800,000.	-	100,000.	ceiling						
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	9,640.	-	910.	Csat						
Trichloroacetic Acid	76-03-9	1,260.	7.75	7.75	ca						
Trichloroaniline HCl, 2,4,6-	33663-50-2	-	18.7	18.7	ca						
Trichloroaniline, 2,4,6-	634-93-5	1.9	77.5	1.9	nc						
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc						
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca						
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca						
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat						
Trichlorophenol, 2,4,5-	95-95-4	6,320.	-	6,320.	nc						
Trichlorophenol, 2,4,6-	88-06-2	63.2	49.3	49.3	ca						
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	632.	-	632.	nc						
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	506.	-	506.	nc						
Trichloropropane, 1,1,2-	598-77-6	391.	-	391.	nc						
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca						
Trichloropropene, 1,2,3-	96-19-5	1.05	-	1.05	nc						
Tricresyl Phosphate (TCP)	1330-78-5	1,260.	-	1,260.	nc						
Tridiphane	58138-08-2	190.	-	190.	nc						
Triethyl Lead	5224-23-7	-	-	5,670.	Csat						
Triethyl phosphorothioate [O,O,O-]	126-68-1	-	-	233.	Csat						
Triethylamine	121-44-8	167.	-	167.	nc						
Triethylene Glycol	112-27-6	126,000.	-	100,000.	ceiling						
Trifluoroethane, 1,1,1-	420-46-2	21,400.	-	4,810.	Csat						
Trifluralin	1582-09-8	587.	90.3	90.3	ca						
Trimagnesium phosphate	7757-87-1	3,800,000.	-	100,000.	ceiling						
Trimethyl Lead	7442-13-9	-	-	308.	Csat						
Trimethyl Phosphate	512-56-1	632.	27.1	27.1	ca						
Trimethylbenzene, 1,2,3-	526-73-8	408.	-	293.	Csat						
Trimethylethyl Lead	1762-26-1	-	-	25.6	Csat						
Trimethylpentane, 2,2,4-	540-84-1	-	-	61.2	Csat						
Trimethylpentene, 2,4,4-	25167-70-8	782.	-	29.6	Csat						
Tri-n-butyltin	688-73-3	23.5	-	23.5	nc						
Trinitrobenzene, 1,3,5-	99-35-4	2,250.	-	2,250.	nc						
Trinitrotoluene, 2,4,6-	118-96-7	36.3	21.3	21.3	ca						
Triphenylphosphine Oxide	791-28-6	1,260.	-	1,260.	nc						
Tripotassium phosphate	7778-53-2	3,800,000.	-	100,000.	ceiling						
Tripropyl Lead	6618-03-7	-	-	3.08	Csat						
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1,260.	-	1,260.	nc						
Tris(1-chloro-2-propyl)phosphate	13674-84-5	632.	-	632.	nc						
Tris(2,3-dibromopropyl)phosphate	126-72-7	-	0.287	0.287	ca						
Tris(2-chloroethyl)phosphate	115-96-8	442.	27.1	27.1	ca						
Tris(2-ethylhexyl)phosphate	78-42-2	6,320.	170.	170.	ca						
Trisodium phosphate	7601-54-9	3,800,000.	-	100,000.	ceiling						
Tungsten	7440-33-7	62.6	-	62.6	nc						
Urethane	51-79-6	-	0.122	0.122	ca						
Vanadium Pentoxide	1314-62-1	663.	528.	528.	ca						
Vernolate	1929-77-7	78.2	-	78.2	nc						
Vinclozolin	50471-44-8	75.9	-	75.9	nc						
Vinyl Acetate	108-05-4	1,300.	-	1,300.	nc						
Vinyl Bromide	593-60-2	6.18	0.173	0.173	ca						
Warfarin	81-81-2	19.	-	19.	nc						
Xylene, m-	108-38-3	783.	-	388.	Csat						
Xylene, o-	95-47-6	915.	-	434.	Csat						
Xylene, P-	106-42-3	798.	-	390.	Csat						
Zinc Cyanide	557-21-1	3,910.	-	3,910.	nc						
Zinc Phosphide	1314-84-7	23.5	-	23.5	nc						
Zineb	12122-67-7	3,160.	-	3,160.	nc						
Zirconium	7440-67-7	6.26	-	6.26	nc						

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Test1Chem(DRO)	Wis. DRO										
Test2Chem(GRO)	Wis. GRO										
Test3Chem(TPH)	TPH										

Type BRRTS No. Here (If Known)

1.6E-07	0	0.0005	1.6E-07
cPAH Risk ≤ 5e-06 (to pass)	Exceedance Count = 0 (to pass)	HI ≤ 1.0 (to pass)	Cumulative CR ≤ 1e-05 (to pass)

Bottom-Line:

18. 03/14/2017 Yes, levels are below direct-contact concern.

Residential setting. Not-To-Exceed D-C RCLs from web-calculator at: *http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search* (Chicago as climatic zone).
Not-to-Exceed D-C RCL defaults to 100,000 mg/kg if web-calculator result or Csat exceeds 10% by weight (the ceiling limit concentration defined in EPA RSL Users Guide).
Basis: **ca** = cancer; **nc** = non-cancer; **Csat** = soil saturation concentration; **ceiling** = 10%.

For 7 cPAHs: Individual exceedance not assessed, but assessed via a separate cumulative-only cancer risk threshold level of 5e-06.

Background threshold values are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: *http://pubs.usgs.gov/sir/2011/5202*.

1. ***Enter data in yellow cells.*** Numeric-only values under "INPUT Site Data." For ND, use detection limit. Do not type '-', 'NA' nor 'space bar.' Leave purple cells "as is."
2. ***After completing data entry, click "Get Summary" in Row 924.***

(Contaminants not listed can be added starting at Row 912.)

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAHs / Comparison / Hazard Index / Cumulative Cancer Risk: cPAH Risk Threshold: **5.00E-06** — cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Target CR used: **1.00E-06** — Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca						
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca						
Toluene	108-88-3	5,240.	-	818.	Csat						
Xylenes	1330-20-7	818.	-	260.	Csat						
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca						
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca						
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca						
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca						
Tetrachloroethylene	127-18-4	109.	33.	33.	ca						
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca						
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc						
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc						
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc						
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat						
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca						
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat						
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat						
Dioxane, 1,4-	123-91-1	1,020.	5.72	5.72	ca						
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.034			0.0002	6.2E-09
Nonane, n-	111-84-2	13.4	-	6.86	Csat						
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.21	1.8E-06	*cPAH*	0.0118	1.8E-06
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.023			0.	
Acenaphthylene	208-96-8	-	-				0.019				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.024			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.16	1.4E-07	*cPAH*		1.4E-07
Benzo(j)fluoranthene	205-82-3	-	0.424	0.424	ca						
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.2	1.7E-07	*cPAH*		1.7E-07
Benzo[g,h,i]perylene	191-24-2	-	-				0.081				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.13	1.1E-08	*cPAH*		1.1E-08
Chrysene	218-01-9	-	115.	115.	ca		0.21	1.8E-09	*cPAH*		1.8E-09
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.015	1.3E-07	*cPAH*		1.3E-07
Dibenzo(a,e)pyrene	192-65-4	-	0.042	0.042	ca						
Dimethylbenz(a)anthracene, 7,12-	57-97-6	-	4.59E-04	4.59E-04	ca						
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.59			0.0002	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.025			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.082	7.1E-08	*cPAH*		7.1E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.04			0.	2.3E-09
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.008			0.	
Nitropyrene, 4-	57835-92-4	-	0.424	0.424	ca						
Perylene	198-55-0	-	-								
Phenanthrene	85-01-8	-	-				0.48				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.34			0.0002	
Methylcholanthrene, 3-	56-49-5	-	0.006	0.006	ca						
Aluminum	7429-90-5	77,500.	-	77,500.	nc	28,721.					
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.					
Barium	7440-39-3	15,300.	-	15,300.	nc	364.					
Beryllium and compounds	7440-41-7	156.	1,830.	156.	nc						
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.					
Calcium	7440-70-2	-	-			14,536.					
Chromium(VI)	18540-29-9	234.	0.301	0.301	ca						
Chromium(III), Insoluble Salts	16065-83-1	117,000.	-	100,000.	ceiling						
Chromium, Total	7440-47-3	-	-			44.					
Cobalt	7440-48-4	23.4	487.	23.4	nc	22.					
Copper	7440-50-8	3,130.	-	3,130.	nc	35.					
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat						
Iron	7439-89-6	54,800.	-	54,800.	nc	34,314.					
Magnesium	7439-95-4	-	-			8,290.					
Lead and Compounds	7439-92-1	400.	-	400.		52.					
Manganese (Non-diet)	7439-96-5	1,830.	-	1,830.	nc	2,937.					
Molybdenum	7439-98-7	391.	-	391.	nc						
Nickel Soluble Salts	7440-02-0	1,550.	16,900.	1,550.	nc	31.					
Selenium	7782-49-2	391.	-	391.	nc						
Strontium, Stable	7440-24-6	46,900.	-	46,900.	nc	55.					
Vanadium and Compounds	7440-62-2	393.	-	393.	nc	85.					
Zinc and Compounds	7440-66-6	23,500.	-	23,500.	nc	150.					
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	0.411	0.038	0.038	ca						
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	0.137	0.012	0.012	ca						
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.37	0.124	0.124	ca						
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.37	0.122	0.122	ca						

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Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.11E-04	3.66E-05	3.66E-05	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.37	0.125	0.125	ca						
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	0.001	1.25E-04	1.25E-04	ca						
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.37	0.126	0.126	ca						
Aroclor 1016	12674-11-2	4.11	6.79	4.11	nc						
Aroclor 1221	11104-28-2	-	0.213	0.213	ca						
Aroclor 1232	11141-16-5	-	0.19	0.19	ca						
Aroclor 1242	53469-21-9	-	0.235	0.235	ca						
Aroclor 1248	12672-29-6	-	0.236	0.236	ca						
Aroclor 1254	11097-69-1	1.17	0.239	0.239	ca						
Aroclor 1260	11096-82-5	-	0.243	0.243	ca						
Aroclor 5460	11126-42-4	35.2	-	35.2	nc						
Polychlorinated Biphenyls (high risk)	1336-36-3	-	0.234	0.234	ca						
Acephate	30560-19-1	75.9	-	75.9	nc						
Acetaldehyde	75-07-0	118.	16.1	16.1	ca						
Acetochlor	34256-82-1	1,260.	-	1,260.	nc						
Acetone	67-64-1	63,400.	-	63,400.	nc						
Acetone Cyanohydrin	75-86-5	3,250,000.	-	100,000.	ceiling						
Acetonitrile	75-05-8	1,170.	-	1,170.	nc						
Acetophenone	98-86-2	7,820.	-	2,520.	Csat						
Acetylaminofluorene, 2-	53-96-3	-	0.143	0.143	ca						
Acrolein	107-02-8	0.207	-	0.207	nc						
Acrylamide	79-06-1	126.	0.244	0.244	ca						
Acrylic Acid	79-10-7	143.	-	143.	nc						
Acrylonitrile	107-13-1	23.	0.338	0.338	ca						
Adiponitrile	111-69-3	9,760,000.	-	100,000.	ceiling						
Alachlor	15972-60-8	632.	9.69	9.69	ca						
Aldicarb	116-06-3	63.2	-	63.2	nc						
Aldicarb Sulfone	1646-88-4	63.2	-	63.2	nc						
Aldrin	309-00-2	2.35	0.04	0.04	ca						
Allyl Alcohol	107-18-6	5.08	-	5.08	nc						
Allyl Chloride	107-05-1	2.38	1.04	1.04	ca						
Aluminum metaphosphate	13776-88-0	3,800,000.	-	100,000.	ceiling						
Aluminum Phosphide	20859-73-8	31.3	-	31.3	nc						
Ametryn	834-12-8	569.	-	569.	nc						
Aminobiphenyl, 4-	92-67-1	-	0.026	0.026	ca						
Aminophenol, m-	591-27-5	5,060.	-	5,060.	nc						
Aminophenol, o-	95-55-6	253.	-	253.	nc						
Aminophenol, p-	123-30-8	1,260.	-	1,260.	nc						
Amitraz	33089-61-1	158.	-	158.	nc						
Ammonium Perchlorate	7790-98-9	54.8	-	54.8	nc						
Ammonium polyphosphate	68333-79-9	3,800,000.	-	100,000.	ceiling						
Ammonium Sulfamate	7773-06-0	15,600.	-	15,600.	nc						
Amyl Alcohol, tert-	75-85-4	118.	-	118.	nc						
Aniline	62-53-3	442.	95.2	95.2	ca						
Anthraquinone, 9,10-	84-65-1	126.	13.6	13.6	ca						
Antimony (metallic)	7440-36-0	31.3	-	31.3	nc						
Antimony Pentoxide	1314-60-9	39.1	-	39.1	nc						
Antimony Tetroxide	1332-81-6	31.3	-	31.3	nc						
Antimony Trioxide	1309-64-4	325,000.	-	100,000.	ceiling						
Arsine	7784-42-1	0.274	-	0.274	nc						
Asulam	3337-71-1	2,280.	-	2,280.	nc						
Atrazine	1912-24-9	2,210.	2.36	2.36	ca						
Auramine	492-80-8	-	0.617	0.617	ca						
Avermectin B1	65195-55-3	25.3	-	25.3	nc						
Azinphos-methyl	86-50-0	190.	-	190.	nc						
Azobenzene	103-33-3	-	5.78	5.78	ca						
Azodicarbonamide	123-77-3	9,650.	-	9,650.	nc						
Barium Chromate	10294-40-3	1,560.	0.298	0.298	ca						
Benfluralin	1861-40-1	391.	-	391.	nc						
Benomyl	17804-35-2	3,160.	-	3,160.	nc						
Bensulfuron-methyl	83055-99-6	12,600.	-	12,600.	nc						
Bentazon	25057-89-0	1,900.	-	1,900.	nc						
Benzaldehyde	100-52-7	7,820.	174.	174.	ca						
Benzene, Ethyldimethyl	29224-55-3	-	-	130.	Csat						
Benzene, Ethylmethyl	25550-14-5	-	-	330.	Csat						
Benzene, Methylpropenyl	768-00-3	-	-	407.	Csat						
Benzene, Trimethyl	25551-13-7	-	-	182.	Csat						
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	19.	5.43	5.43	ca						
Benzenethiol	108-98-5	78.2	-	78.2	nc						
Benzidine	92-87-5	190.	5.30E-04	5.30E-04	ca						
Benzoic Acid	65-85-0	253,000.	-	100,000.	ceiling						
Benzotrichloride	98-07-7	-	0.054	0.054	ca						
Benzyl Alcohol	100-51-6	6,320.	-	6,320.	nc						
Benzyl Chloride	100-44-7	30.8	1.39	1.39	ca						
Bifenox	42576-02-3	569.	-	569.	nc						
Biphenthrin	82657-04-3	948.	-	948.	nc						
Biphenyl, 1,1'-	92-52-4	68.5	86.9	68.5	nc						
Bis(2-chloro-1-methylethyl) ether	108-60-1	3,130.	-	1,020.	Csat						
Bis(2-chloroethoxy)methane	111-91-1	190.	-	190.	nc						
Bis(2-chloroethyl)ether	111-44-4	-	0.286	0.286	ca						
Bis(2-ethylhexyl)phthalate	117-81-7	1,260.	38.8	38.8	ca						
Bis(chloromethyl)ether	542-88-1	-	1.18E-04	1.18E-04	ca						
Bisphenol A	80-05-7	3,160.	-	3,160.	nc						
Boron And Borates Only	7440-42-8	15,600.	-	15,600.	nc						
Boron Trichloride	10294-34-5	156,000.	-	100,000.	ceiling						
Boron Trifluoride	7637-07-2	3,130.	-	3,130.	nc						
Bromate	15541-45-4	313.	0.993	0.993	ca						
Bromine	7726-95-6	-	-	100,000.	ceiling						
Bromo-2-chloroethane, 1-	107-04-0	-	0.036	0.036	ca						

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Bromo-3-fluorobenzene, 1-	1073-06-9	-	-	896.	Csat						
Bromo-4-Ethylbenzene, 1-	1585-07-5	-	-	103.	Csat						
Bromobenzene	108-86-1	342.	-	342.	nc						
Bromochloromethane	74-97-5	216.	-	216.	nc						
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca						
Bromodiphenyl Ether, p-	101-55-3	-	-	26.9	Csat						
Bromofluorobenzene, p-	460-00-4	-	-	323.	Csat						
Bromoform	75-25-2	1,560.	25.4	25.4	ca						
Bromomethane	74-83-9	9.6	-	9.6	nc						
Bromophos	2104-96-3	391.	-	391.	nc						
Bromopropane, 1-	106-94-5	-	-	966.	Csat						
Bromotrichloromethane	75-62-7	-	-	318.	Csat						
Bromoxynil	1689-84-5	948.	5.27	5.27	ca						
Bromoxynil Octanoate	1689-99-2	1,170.	-	1,170.	nc						
Butadiene, 1,3-	106-99-0	2.61	0.074	0.074	ca						
Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6	1,900.	-	1,900.	nc						
Butanol	35296-72-1	-	-	14,700.	Csat						
Butanol, N-	71-36-3	7,820.	-	7,640.	Csat						
Butyl alcohol, sec-	78-92-2	140,000.	-	21,300.	Csat						
Butyl Benzyl Phthalate	85-68-7	12,600.	286.	286.	ca						
Butyl Formate, tert-	762-75-4	-	-	1,700.	Csat						
Butylacetate	123-86-4	-	-	1,790.	Csat						
Butylate	2008-41-5	3,910.	-	3,910.	nc						
Butylated hydroxyanisole	25013-16-5	-	2,710.	2,710.	ca						
Butylated hydroxytoluene	128-37-0	19,000.	151.	151.	ca						
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat						
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat						
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat						
Butylchloride, t-	507-20-0	-	-	1,330.	Csat						
Butylphthalyl Butylglycolate	85-70-1	63,200.	-	63,200.	nc						
Cacodylic Acid	75-60-5	1,260.	-	1,260.	nc						
Calcium Chromate	13765-19-0	1,560.	0.298	0.298	ca						
Calcium Cyanide	592-01-8	78.2	-	78.2	nc						
Calcium pyrophosphate	7790-76-3	3,800,000.	-	100,000.	ceiling						
Caprolactam	105-60-2	31,300.	-	31,300.	nc						
Captafol	2425-06-1	126.	3.62	3.62	ca						
Captan	133-06-2	8,220.	236.	236.	ca						
Carbaryl	63-25-2	6,320.	-	6,320.	nc						
Carbofuran	1563-66-2	316.	-	316.	nc						
Carbon Disulfide	75-15-0	1,060.	-	738.	Csat						
Carbonyl Sulfide	463-58-1	97.3	-	97.3	nc						
Carbosulfan	55285-14-8	632.	-	632.	nc						
Carboxin	5234-68-4	6,320.	-	6,320.	nc						
Ceric oxide	1306-38-3	1,460,000.	-	100,000.	ceiling						
Chloral	75-87-6	-	-	3,380.	Csat						
Chloral Hydrate	302-17-0	7,820.	-	7,820.	nc						
Chloramben	133-90-4	948.	-	948.	nc						
Chloranil	118-75-2	-	1.35	1.35	ca						
Chlordane	12789-03-6	34.9	1.74	1.74	ca						
Chlordecone (Kepone)	143-50-0	19.	0.054	0.054	ca						
Chlorfenvinphos	470-90-6	44.2	-	44.2	nc						
Chlorimuron, Ethyl-	90982-32-4	5,690.	-	5,690.	nc						
Chlorine	7782-50-5	0.267	-	0.267	nc						
Chlorine Dioxide	10049-04-4	2,330.	-	2,330.	nc						
Chlorite (Sodium Salt)	7758-19-2	2,350.	-	2,350.	nc						
Chloro-1,1-difluoroethane, 1-	75-68-3	77,400.	-	1,150.	Csat						
Chloro-1,3-butadiene, 2-	126-99-8	31.8	0.015	0.015	ca						
Chloro-2-methylaniline HCl, 4-	3165-93-3	-	1.18	1.18	ca						
Chloro-2-methylaniline, 4-	95-69-2	190.	5.43	5.43	ca						
Chloroacetaldehyde, 2-	107-20-0	-	2.57	2.57	ca						
Chloroacetophenone, 2-	532-27-4	48,800.	-	48,800.	nc						
Chloroaniline, p-	106-47-8	253.	2.71	2.71	ca						
Chlorobenzene	108-90-7	370.	-	370.	nc						
Chlorobenzene sulfonic acid, p-	98-66-8	6,320.	-	6,320.	nc						
Chlorobenzilate	510-15-6	1,260.	4.93	4.93	ca						
Chlorobenzoic Acid, p-	74-11-3	1,900.	-	1,900.	nc						
Chlorobenzotrifluoride, 3-nitro-4-	121-17-5	-	-	547.	Csat						
Chlorobenzotrifluoride, 4-	98-56-6	218.	-	218.	nc						
Chlorobutane, 1-	109-69-3	3,130.	-	728.	Csat						
Chlorobutane, 2-	78-86-4	-	-	651.	Csat						
Chlorocyclopentadiene	41851-50-7	-	-	1,010.	Csat						
Chlorodifluoromethane	75-45-6	70,600.	-	1,680.	Csat						
Chloroethanol, 2-	107-07-3	1,560.	-	1,560.	nc						
Chloroethylvinyl ether, 2-	110-75-8	-	-	117.	Csat						
Chloroform	67-66-3	259.	0.454	0.454	ca						
Chloromethane	74-87-3	159.	-	159.	nc						
Chloromethyl Methyl Ether	107-30-2	-	0.028	0.028	ca						
Chloronaphthalene, alpha-	90-13-1	-	-	266.	Csat						
Chloronaphthalene, Beta-	91-58-7	4,780.	-	4,780.	nc						
Chloronitrobenzene, o-	88-73-3	187.	1.81	1.81	ca						
Chloronitrobenzene, p-	100-00-5	44.2	9.04	9.04	ca						
Chlorophenol, 2-	95-57-8	391.	-	391.	nc						
Chlorophenyl Methyl Sulfide, p-	123-09-1	-	-	523.	Csat						
Chloropicrin	76-06-2	2.82	-	2.82	nc						
Chloropropane, 2-	75-29-6	-	-	1,320.	Csat						
Chlorothalonil	1897-45-6	948.	175.	175.	ca						
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat						
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat						
Chlorozotocin	54749-90-5	-	0.002	0.002	ca						
Chlorpropham	101-21-3	3,160.	-	3,160.	nc						
Chlorpyrifos	2921-88-2	63.2	-	63.2	nc						
Chlorpyrifos Methyl	5598-13-0	632.	-	632.	nc						

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Chlorsulfuron	64902-72-3	1,260.	-	1,260.	nc						
Chlorthal-dimethyl	1861-32-1	632.	-	632.	nc						
Chlorthiophos	60238-56-4	50.6	-	50.6	nc						
Clofentezine	74115-24-5	822.	-	822.	nc						
Copper Cyanide	544-92-3	391.	-	391.	nc						
Cresol, m-	108-39-4	3,160.	-	3,160.	nc						
Cresol, o-	95-48-7	3,160.	-	3,160.	nc						
Cresol, p-	106-44-5	6,320.	-	6,320.	nc						
Cresol, p-chloro-m-	59-50-7	6,320.	-	6,320.	nc						
Cresols	1319-77-3	6,320.	-	6,320.	nc						
Crotonaldehyde	4170-30-3	-	-	20,100.	Csat						
Crotonaldehyde, trans-	123-73-9	78.2	0.366	0.366	ca						
Cumene	98-82-8	2,530.	-	268.	Csat						
Cupferron	135-20-6	-	2.47	2.47	ca						
Cyanazine	21725-46-2	126.	0.646	0.646	ca						
Cyanide (CN-)	57-12-5	27.1	-	27.1	nc						
Cyanogen	460-19-5	78.2	-	78.2	nc						
Cyanogen Bromide	506-68-3	7,040.	-	7,040.	nc						
Cyanogen Chloride	506-77-4	3,910.	-	3,910.	nc						
Cyclohexane	110-82-7	9,420.	-	117.	Csat						
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1,260.	27.1	27.1	ca						
Cyclohexanone	108-94-1	39,500.	-	5,110.	Csat						
Cyclohexene	110-83-8	332.	-	283.	Csat						
Cyclohexylamine	108-91-8	15,600.	-	15,600.	nc						
Cyclopentadiene	542-92-7	-	-	1,340.	Csat						
Cyfluthrin	68359-37-5	1,580.	-	1,580.	nc						
Cyhalothrin	68085-85-8	63.2	-	63.2	nc						
Cypermethrin	52315-07-8	3,790.	-	3,790.	nc						
Cyromazine	66215-27-8	948.	-	948.	nc						
Dalapon	75-99-0	1,900.	-	1,900.	nc						
Daminozide	1596-84-5	9,480.	30.1	30.1	ca						
DDD	72-54-8	-	2.26	2.26	ca						
DDE, p,p'-	72-55-9	-	2.	2.	ca						
DDT	50-29-3	36.5	1.89	1.89	ca						
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	442.	775.	442.	nc						
Decane	124-18-5	-	-	2.53	Csat						
Decanol, n-	112-30-1	-	-	31.9	Csat						
Demeton	8065-48-3	2.53	-	2.53	nc						
Di(2-ethylhexyl)adipate	103-23-1	37,900.	452.	452.	ca						
Diallate	2303-16-4	-	8.89	8.89	ca						
Diammonium phosphate	7783-28-0	3,800,000.	-	100,000.	ceiling						
Diazinon	333-41-5	44.2	-	44.2	nc						
Dibenzofuran	132-64-9	73.	-	73.	nc						
Dibenzothiophene	132-65-0	782.	-	782.	nc						
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca						
Dibromobenzene, 1,3-	108-36-1	31.3	-	31.3	nc						
Dibromobenzene, 1,4-	106-37-6	782.	-	782.	nc						
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca						
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc						
Dibutyl Phthalate	84-74-2	6,320.	-	6,320.	nc						
Dibutyltin diacetate	1067-33-0	-	-	1.87	Csat						
Dicalcium phosphate	7757-93-9	3,800,000.	-	100,000.	ceiling						
Dicamba	1918-00-9	1,900.	-	1,900.	nc						
Dichloro-2-butene, 1,4-	764-41-0	-	0.003	0.003	ca						
Dichloro-2-butene, cis-1,4-	1476-11-5	-	0.011	0.011	ca						
Dichloro-2-butene, trans-1,4-	110-57-6	-	0.011	0.011	ca						
Dichloroacetic Acid	79-43-6	253.	10.9	10.9	ca						
Dichlorobenzene	25321-22-6	-	-	193.	Csat						
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat						
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat						
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca						
Dichlorobenzidine, 3,3'-	91-94-1	-	1.21	1.21	ca						
Dichlorobenzophenone, 4,4'-	90-98-2	569.	-	569.	nc						
Dichlorobenzotrifluoride, 3,4-	328-84-7	-	-	302.	Csat						
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc						
Dichlorodiisopropyl ether, 2,2'-	39638-32-9	-	-	235.	Csat						
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca						
Dichlorophenol, 2,4-	120-83-2	190.	-	190.	nc						
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	699.	-	699.	nc						
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca						
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat						
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat						
Dichloropropanol, 2,3-	616-23-9	190.	-	190.	nc						
Dichloropropene, 1,3-	542-75-6	102.	2.37	2.37	ca						
Dichloropropene, 2,3-	78-88-6	-	-	1,070.	Csat						
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat						
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat						
Dichlorvos	62-73-7	31.6	1.87	1.87	ca						
Dicrotophos	141-66-2	4.42	-	4.42	nc						
Dicyclohexylamine	101-83-7	-	-	122.	Csat						
Dicyclopentadiene	77-73-6	1.86	-	1.86	nc						
Dieldrin	60-57-1	3.16	0.034	0.034	ca						
Diepoxybutane	1464-53-5	-	-	100,000.	ceiling						
Diethanolamine	111-42-2	126.	-	126.	nc						
Diethyl Phthalate	84-66-2	50,600.	-	50,600.	nc						
Diethylene Glycol Monobutyl Ether	112-34-5	1,870.	-	1,870.	nc						
Diethylene Glycol Monoethyl Ether	111-90-0	3,760.	-	3,760.	nc						
Diethylformamide	617-84-5	78.2	-	78.2	nc						
Diethylphosphorodithioate	298-06-6	-	-	0.022	Csat						
Diethylstilbestrol	56-53-1	-	0.002	0.002	ca						
Difenzoquat	43222-48-6	5,250.	-	5,250.	nc						
Diflubenzuron	35367-38-5	1,260.	-	1,260.	nc						

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Difluoroethane, 1,1-	75-37-6	69,100.	-	1,430.	Csat						
Difluoropropane, 2,2-	420-45-1	-	-	691.	Csat						
Dihydrosafrole	94-58-6	-	11.2	11.2	ca						
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat						
Diisopropyl Methylphosphonate	1445-75-6	6,260.	-	530.	Csat						
Dimagnesium phosphate	7782-75-4	3,800,000.	-	100,000.	ceiling						
Dimethipin	55290-64-7	1,380.	-	1,380.	nc						
Dimethoate	60-51-5	139.	-	139.	nc						
Dimethoxybenzidine, 3,3'-	119-90-4	-	0.339	0.339	ca						
Dimethyl methylphosphonate	756-79-6	3,790.	319.	319.	ca						
Dimethyl Sulfide	75-18-3	-	-	5,350.	Csat						
Dimethylamino azobenzene [p-]	60-11-7	-	0.118	0.118	ca						
Dimethylaniline HCl, 2,4-	21436-96-4	-	0.935	0.935	ca						
Dimethylaniline, 2,4-	95-68-1	126.	2.71	2.71	ca						
Dimethylaniline, N,N-	121-69-7	156.	25.7	25.7	ca						
Dimethylbenzidine, 3,3'-	119-93-7	-	0.049	0.049	ca						
Dimethylformamide	68-12-2	3,320.	-	3,320.	nc						
Dimethylhydrazine, 1,1-	57-14-7	0.082	-	0.082	nc						
Dimethylhydrazine, 1,2-	540-73-8	-	9.74E-04	9.74E-04	ca						
Dimethylmercury	593-74-8	-	-	2,190.	Csat						
Dimethylphenol, 2,4-	105-67-9	1,260.	-	1,260.	nc						
Dimethylphenol, 2,6-	576-26-1	37.9	-	37.9	nc						
Dimethylphenol, 3,4-	95-65-8	63.2	-	63.2	nc						
Dimethylphthalate	131-11-3	569.	-	569.	nc						
Dimethylterephthalate	120-61-6	7,820.	-	7,820.	nc						
Dimethylvinylchloride	513-37-1	-	1.54	1.54	ca						
Di-n-hexylphthalate	84-75-3	-	-	3.84	Csat						
Dinitrobenzene, 1,2-	528-29-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,3-	99-65-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,4-	100-25-4	6.32	-	6.32	nc						
Dinitro-o-cresol, 4,6-	534-52-1	5.06	-	5.06	nc						
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	126.	-	126.	nc						
Dinitrophenol, 2,4-	51-28-5	126.	-	126.	nc						
Dinitrotoluene, 2,4-	121-14-2	126.	1.74	1.74	ca						
Dinitrotoluene, 2,6-	606-20-2	19.	0.363	0.363	ca						
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	154.	-	154.	nc						
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	153.	-	153.	nc						
Dinitrotoluene, Technical grade	25321-14-6	56.9	1.21	1.21	ca						
Dinoseb	88-85-7	63.2	-	63.2	nc						
Diphenamid	957-51-7	1,900.	-	1,900.	nc						
Diphenyl Sulfone	127-63-9	50.6	-	50.6	nc						
Diphenylamine	122-39-4	6,320.	-	6,320.	nc						
Diphenylhydrazine, 1,2-	122-66-7	-	0.678	0.678	ca						
Dipotassium phosphate	7758-11-4	3,800,000.	-	100,000.	ceiling						
Diquat	85-00-7	139.	-	139.	nc						
Direct Black 38	1937-37-7	-	0.076	0.076	ca						
Direct Blue 6	2602-46-2	-	0.073	0.073	ca						
Direct Brown 95	16071-86-6	-	0.081	0.081	ca						
Disodium phosphate	7558-79-4	3,800,000.	-	100,000.	ceiling						
Disulfoton	298-04-4	2.53	-	2.53	nc						
Dithiane, 1,4-	505-29-3	782.	-	782.	nc						
Diuron	330-54-1	126.	-	126.	nc						
Dodine	2439-10-3	1,260.	-	1,260.	nc						
Endosulfan	115-29-7	469.	-	469.	nc						
Endothall	145-73-3	1,260.	-	1,260.	nc						
Endrin	72-20-8	19.	-	19.	nc						
Epichlorohydrin	106-89-8	26.8	33.4	26.8	nc						
Epoxybutane, 1,2-	106-88-7	231.	-	231.	nc						
EPTC	759-94-4	3,910.	-	3,910.	nc						
Ethanol	64-17-5	-	-	100,000.	ceiling						
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2,530.	-	2,530.	nc						
Ethephon	16672-87-0	316.	-	316.	nc						
Ethion	563-12-2	31.6	-	31.6	nc						
Ethoxy Propanol	52125-53-8	-	-	39,600.	Csat						
Ethoxyethanol Acetate, 2-	111-15-9	3,250.	-	3,250.	nc						
Ethoxyethanol, 2-	110-80-5	5,690.	-	5,690.	nc						
Ethyl Acetate	141-78-6	897.	-	897.	nc						
Ethyl Acrylate	140-88-5	63.9	-	63.9	nc						
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat						
Ethyl Ether	60-29-7	15,600.	-	10,100.	Csat						
Ethyl Methacrylate	97-63-2	2,610.	-	1,100.	Csat						
Ethylene Cyanohydrin	109-78-4	4,420.	-	4,420.	nc						
Ethylene Diamine	107-15-3	7,040.	-	7,040.	nc						
Ethylene Glycol	107-21-1	126,000.	-	100,000.	ceiling						
Ethylene Glycol Monobutyl Ether	111-76-2	6,320.	-	6,320.	nc						
Ethylene Oxide	75-21-8	275.	0.003	0.003	ca						
Ethylene Thiourea	96-45-7	5.06	12.1	5.06	nc						
Ethyleneimine	151-56-4	-	0.003	0.003	ca						
Ethylphthalyl Ethyl Glycolate	84-72-0	190,000.	-	100,000.	ceiling						
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	0.632	-	0.632	nc						
Fenamiphos	22224-92-6	15.8	-	15.8	nc						
Fenpropathrin	39515-41-8	1,580.	-	1,580.	nc						
Fenvalerate	51630-58-1	1,580.	-	1,580.	nc						
Fluometuron	2164-17-2	822.	-	822.	nc						
Fluoride	16984-48-8	3,130.	-	3,130.	nc						
Fluorine (Soluble Fluoride)	7782-41-4	4,690.	-	4,690.	nc						
Fluorobenzene	462-06-6	-	-	2,390.	Csat						
Fluorophenol, 2-	367-12-4	-	-	27,300.	Csat						
Fluridone	59756-60-4	5,060.	-	5,060.	nc						
Flurprimidol	56425-91-3	948.	-	948.	nc						
Flusilazole	85509-19-9	126.	-	126.	nc						
Flutolanil	66332-96-5	31,600.	-	31,600.	nc						

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Fluvalinate	69409-94-5	632.	-	632.	nc						
Folpet	133-07-3	5,690.	-	5,690.	nc						
Fomesafen	72178-02-0	158.	-	158.	nc						
Fonofos	944-22-9	126.	-	126.	nc						
Formaldehyde	50-00-0	1,070.	24.2	24.2	ca						
Formic Acid	64-18-6	42.	-	42.	nc						
Fosetyl-AL	39148-24-8	158,000.	-	100,000.	ceiling						
Furan	110-00-9	73.	-	73.	nc						
Furazolidone	67-45-8	-	0.143	0.143	ca						
Furfural	98-01-1	220.	-	220.	nc						
Furium	531-82-8	-	0.362	0.362	ca						
Furmecyclox	60568-05-0	-	18.1	18.1	ca						
Glufosinate, Ammonium	77182-82-2	379.	-	379.	nc						
Glutaraldehyde	111-30-8	130,000.	-	100,000.	ceiling						
Glycidyl	765-34-4	25.1	-	25.1	nc						
Glyphosate	1071-83-6	6,320.	-	6,320.	nc						
Guanidine	113-00-8	782.	-	782.	nc						
Guanidine Chloride	50-01-1	1,260.	-	1,260.	nc						
Guanidine Nitrate	506-93-4	1,900.	-	1,900.	nc						
Haloxyfop, Methyl	69806-40-2	3.16	-	3.16	nc						
HCDD, 1,2,3,4,6,7,8,-	35822-46-9	0.073	4.84E-04	4.84E-04	ca						
Heptachlor	76-44-8	39.1	0.14	0.14	ca						
Heptachlor Epoxide	1024-57-3	1.02	0.072	0.072	ca						
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562-39-4	0.005	4.90E-04	4.90E-04	ca						
Heptanal, n-	111-71-7	-	-	209.	Csat						
Heptane, N-	142-82-5	22.5	-	22.5	nc						
Heptanol, n-	111-70-6	-	-	378.	Csat						
Hexabromobenzene	87-82-1	156.	-	156.	nc						
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	12.6	-	12.6	nc						
Hexachlorobenzene	118-74-1	62.6	0.252	0.252	ca						
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca						
Hexachlorocyclohexane, Alpha-	319-84-6	506.	0.086	0.086	ca						
Hexachlorocyclohexane, Beta-	319-85-7	-	0.301	0.301	ca						
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	21.4	0.568	0.568	ca						
Hexachlorocyclohexane, Technical	608-73-1	-	0.301	0.301	ca						
Hexachlorocyclopentadiene	77-47-4	2.55	-	2.55	nc						
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	5.11E-04	4.85E-05	4.85E-05	ca						
Hexachlorodibenzo-p-dioxin	34465-46-8	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	39227-28-6	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachloroethane	67-72-1	47.6	2.52	2.52	ca						
Hexachlorophene	70-30-4	19.	-	19.	nc						
Hexachloropropene	1888-71-7	-	-	43.8	Csat						
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	227.	6.06	6.06	ca						
Hexamethylene Diisocyanate, 1,6-	822-06-0	4.52	-	4.52	nc						
Hexamethylphosphoramide	680-31-9	25.3	-	25.3	nc						
Hexane, N-	110-54-3	874.	-	141.	Csat						
Hexanedioic Acid	124-04-9	126,000.	-	100,000.	ceiling						
Hexanol, n-	111-27-3	-	-	999.	Csat						
Hexanone, 2-	591-78-6	237.	-	237.	nc						
Hexazinone	51235-04-2	2,090.	-	2,090.	nc						
Hexythiazox	78587-05-0	1,580.	-	1,580.	nc						
HpCDD, 2,3,7,8-	37871-00-4	0.005	4.84E-04	4.84E-04	ca						
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	0.005	4.90E-04	4.90E-04	ca						
HpCDF, 2,3,7,8-	38998-75-3	0.005	4.90E-04	4.90E-04	ca						
HxCDD, 1,2,3,6,7,8-	57653-85-7	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDD, 1,2,3,7,8,9-	19408-74-3	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 1,2,3,6,7,8-	57117-44-9	5.11E-04	4.85E-05	4.85E-05	ca						
HxCDF, 1,2,3,7,8,9-	72918-21-9	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,4,6,7,8-	60851-34-5	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,7,8-	55684-94-1	5.11E-04	4.93E-05	4.93E-05	ca						
Hydramethylnon	67485-29-4	1,070.	-	1,070.	nc						
Hydrazine	302-01-2	48,800.	0.232	0.232	ca						
Hydrazine Sulfate	10034-93-2	-	0.232	0.232	ca						
Hydrogen Chloride	7647-01-0	32,500,000.	-	100,000.	ceiling						
Hydrogen Cyanide	74-90-8	26.9	-	26.9	nc						
Hydrogen Fluoride	7664-39-3	3,130.	-	3,130.	nc						
Hydrogen Sulfide	7783-06-4	3,250,000.	-	100,000.	ceiling						
Hydroquinone	123-31-9	2,530.	9.04	9.04	ca						
Imazalil	35554-44-0	158.	8.88	8.88	ca						
Imazaquin	81335-37-7	15,800.	-	15,800.	nc						
Imazethapyr	81335-77-5	158,000.	-	100,000.	ceiling						
Iodine	7553-56-2	782.	-	782.	nc						
Iodomethane	74-88-4	-	-	3,040.	Csat						
Iprodione	36734-19-7	2,530.	-	2,530.	nc						
Isobutyl Alcohol	78-83-1	23,500.	-	10,000.	Csat						
Isophorone	78-59-1	12,600.	571.	571.	ca						
Isopropalin	33820-53-0	1,170.	-	1,170.	nc						
Isopropanol	67-63-0	7,920.	-	7,920.	nc						
Isopropyl Methyl Phosphonic Acid	1832-54-8	6,320.	-	6,320.	nc						
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat						
Isosafrole	120-58-1	-	-	234.	Csat						
Isoxaben	82558-50-7	3,160.	-	3,160.	nc						
Lactofen	77501-63-4	506.	-	506.	nc						
Lead acetate	301-04-2	-	63.8	63.8	ca						
Lead Chromate	7758-97-6	1,560.	0.298	0.298	ca						
Lead Phosphate	7446-27-7	-	81.8	81.8	ca						
Lead subacetate	1335-32-6	-	63.8	63.8	ca						
Lewisite	541-25-3	0.391	-	0.391	nc						
Linuron	330-55-2	487.	-	487.	nc						
Lithium	7439-93-2	156.	-	156.	nc						
Lithium Perchlorate	7791-03-9	54.8	-	54.8	nc						
Malathion	121-75-5	1,260.	-	1,260.	nc						

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Maleic Anhydride	108-31-6	6,290.	-	6,290.	nc						
Maleic Hydrazide	123-33-1	31,600.	-	31,600.	nc						
Malononitrile	109-77-3	6.32	-	6.32	nc						
Mancozeb	8018-01-7	1,900.	-	1,900.	nc						
Maneb	12427-38-2	316.	-	316.	nc						
MCPA	94-74-6	31.6	-	31.6	nc						
MCPB	94-81-5	278.	-	278.	nc						
MCPP	93-65-2	63.2	-	63.2	nc						
Mephosfolan	950-10-7	5.69	-	5.69	nc						
Mepiquat Chloride	24307-26-4	1,900.	-	1,900.	nc						
Mercaptobenzothiazole, 2-	149-30-4	253.	49.3	49.3	ca						
Mercuric Chloride	7487-94-7	23.5	-	23.5	nc						
Merphos	150-50-5	2.35	-	2.35	nc						
Merphos Oxide	78-48-8	6.32	-	6.32	nc						
Metalaxyl	57837-19-1	3,790.	-	3,790.	nc						
Methacrylonitrile	126-98-7	7.63	-	7.63	nc						
Methamidophos	10265-92-6	3.16	-	3.16	nc						
Methanol	67-56-1	133,000.	-	100,000.	ceiling						
Methidathion	950-37-8	94.8	-	94.8	nc						
Methomyl	16752-77-5	1,580.	-	1,580.	nc						
Methoxy-5-nitroaniline, 2-	99-59-2	-	11.1	11.1	ca						
Methoxychlor	72-43-5	316.	-	316.	nc						
Methoxyethanol Acetate, 2-	110-49-6	144.	-	144.	nc						
Methoxyethanol, 2-	109-86-4	346.	-	346.	nc						
Methyl Acetate	79-20-9	78,200.	-	29,000.	Csat						
Methyl Acrylate	96-33-3	210.	-	210.	nc						
Methyl Ethyl Ketone (2-Butanone)	78-93-3	31,100.	-	28,400.	Csat						
Methyl Hydrazine	60-34-4	1.49	0.204	0.204	ca						
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	47,700.	-	3,360.	Csat						
Methyl Isocyanate	624-83-9	6.65	-	6.65	nc						
Methyl Mercaptan	74-93-1	-	-	3,130.	Csat						
Methyl Mercury	22967-92-6	7.82	-	7.82	nc						
Methyl Methacrylate	80-62-6	6,290.	-	2,360.	Csat						
Methyl methanesulfonate	66-27-3	-	5.48	5.48	ca						
Methyl Parathion	298-00-0	15.8	-	15.8	nc						
Methyl Phosphonic Acid	993-13-5	3,790.	-	3,790.	nc						
Methyl Styrene (Mixed Isomers)	25013-15-4	355.	-	355.	nc						
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	19.	-	19.	nc						
Methyl-2-Pentanol, 4-	108-11-2	-	-	2,450.	Csat						
Methyl-5-Nitroaniline, 2-	99-55-8	1,260.	60.3	60.3	ca						
Methylaniline Hydrochloride, 2-	636-21-5	-	4.17	4.17	ca						
Methylarsonic acid	124-58-3	632.	-	632.	nc						
Methylaziridine, 2-	75-55-8	-	-	100,000.	ceiling						
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	12.6	-	12.6	nc						
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	19.	5.43	5.43	ca						
Methylcyclohexane	108-87-2	-	-	67.6	Csat						
Methylcyclohexylamine, n-	100-60-7	-	-	5,700.	Csat						
Methylcyclopentane	96-37-7	-	-	155.	Csat						
Methylene Chloride	75-09-2	379.	61.8	61.8	ca						
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	126.	1.22	1.22	ca						
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	-	11.8	11.8	ca						
Methylenebisbenzenamine, 4,4'-	101-77-9	32,500,000.	0.339	0.339	ca						
Methylenediphenyl Diisocyanate	101-68-8	976,000.	-	100,000.	ceiling						
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	-	0.065	0.065	ca						
Methylstyrene, Alpha-	98-83-9	5,480.	-	500.	Csat						
Methyltriethyl Lead	1762-28-3	-	-	13.2	Csat						
Metolachlor	51218-45-2	9,480.	-	9,480.	nc						
Metribuzin	21087-64-9	1,580.	-	1,580.	nc						
Metsulfuron-methyl	74223-64-6	15,800.	-	15,800.	nc						
Mineral oils	8012-95-1	235,000.	-	0.342	Csat						
Mirex	2385-85-5	15.6	0.037	0.037	ca						
Molinate	2212-67-1	126.	-	126.	nc						
Monoaluminum phosphate	13530-50-2	3,800,000.	-	100,000.	ceiling						
Monoammonium phosphate	7722-76-1	3,800,000.	-	100,000.	ceiling						
Monocalcium phosphate	7758-23-8	3,800,000.	-	100,000.	ceiling						
Monochloramine	10599-90-3	7,820.	-	7,820.	nc						
Monomagnesium phosphate	7757-86-0	3,800,000.	-	100,000.	ceiling						
Monomethylaniline	100-61-8	126.	-	126.	nc						
Monopotassium phosphate	7778-77-0	3,800,000.	-	100,000.	ceiling						
Monosodium phosphate	7558-80-7	3,800,000.	-	100,000.	ceiling						
Myclobutanil	88671-89-0	1,580.	-	1,580.	nc						
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	19.	-	19.	nc						
Naled	300-76-5	156.	-	156.	nc						
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2,350.	-	2,350.	nc						
Naphthylamine, 2-	91-59-8	-	0.301	0.301	ca						
Napropamide	15299-99-7	7,590.	-	7,590.	nc						
Nickel Acetate	373-02-4	675.	16,900.	675.	nc						
Nickel Carbonate	3333-67-3	675.	16,900.	675.	nc						
Nickel Carbonyl	13463-39-3	829.	16,900.	829.	nc						
Nickel Hydroxide	12054-48-7	829.	16,900.	829.	nc						
Nickel Oxide	1313-99-1	838.	16,900.	838.	nc						
Nickel Subsulfide	12035-72-2	829.	0.409	0.409	ca						
Nickelocene	1271-28-9	675.	16,900.	675.	nc						
Nitrate	14797-55-8	125,000.	-	100,000.	ceiling						
Nitrite	14797-65-0	7,820.	-	7,820.	nc						
Nitroaniline, 2-	88-74-4	627.	-	627.	nc						
Nitroaniline, 4-	100-01-6	253.	27.1	27.1	ca						
Nitrobenzene	98-95-3	135.	7.42	7.42	ca						
Nitrocellulose	9004-70-0	190,000,000.	-	100,000.	ceiling						
Nitrofurantoin	67-20-9	4,420.	-	4,420.	nc						
Nitrofurazone	59-87-0	-	0.417	0.417	ca						
Nitroglycerin	55-63-0	6.32	31.9	6.32	nc						

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Nitroguanidine	556-88-7	6,320.	-		6,320.	nc						
Nitromethane	75-52-5	127.		7.8	7.8	ca						
Nitropropane, 2-	79-46-9	396.		0.02	0.02	ca						
Nitrosodiethanolamine, N-	1116-54-7	-		0.194	0.194	ca						
Nitrosodiethylamine, N-	55-18-5	-		8.12E-04	8.12E-04	ca						
Nitrosodimethylamine, N-	62-75-9	0.556		0.002	0.002	ca						
Nitroso-di-N-butylamine, N-	924-16-3	-		0.106	0.106	ca						
Nitroso-di-N-propylamine, N-	621-64-7	-		0.078	0.078	ca						
Nitrosodiphenylamine, N-	86-30-6	-		111.	111.	ca						
Nitrosomethylethylamine, N-	10595-95-6	-		0.023	0.023	ca						
Nitrosomethylvinylamine, N-	4549-40-0	-		-	10,800.	Csat						
Nitrosomorpholine [N-]	59-89-2	-		0.081	0.081	ca						
Nitroso-N-ethylurea, N-	759-73-9	-		0.005	0.005	ca						
Nitroso-N-methylurea, N-	684-93-5	-		0.001	0.001	ca						
Nitrosopiperidine [N-]	100-75-4	-		0.058	0.058	ca						
Nitrosopyrrolidine, N-	930-55-2	-		0.258	0.258	ca						
Nitrotoluene, m-	99-08-1	6.32	-		6.32	nc						
Nitrotoluene, o-	88-72-2	70.4		3.16	3.16	ca						
Nitrotoluene, p-	99-99-0	253.		33.9	33.9	ca						
Nonanol, n-	143-08-8	-		-	72.6	Csat						
Norflurazon	27314-13-2	948.		-	948.	nc						
OCDD	3268-87-9	0.17		0.016	0.016	ca						
OCDF	39001-02-0	0.17		0.016	0.016	ca						
Octabromodiphenyl Ether	32536-52-0	190.		-	190.	nc						
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3,860.		-	3,860.	nc						
Octamethylpyrophosphoramide	152-16-9	126.		-	126.	nc						
Octanol, n-	111-87-5	-		-	178.	Csat						
Octanone, 2-	111-13-7	-		-	360.	Csat						
Octanone, 3-	106-68-3	-		-	1,070.	Csat						
Octyl Phthalate, di-N-	117-84-0	632.		-	632.	nc						
Oleic acid	112-80-1	-		-	0.809	Csat						
Oryzalin	19044-88-3	8,850.		69.7	69.7	ca						
Oxadiazon	19666-30-9	316.		-	316.	nc						
Oxamyl	23135-22-0	1,580.		-	1,580.	nc						
Oxyfluorfen	42874-03-3	1,900.		7.41	7.41	ca						
Paclobutrazol	76738-62-0	822.		-	822.	nc						
Paraquat Dichloride	1910-42-5	284.		-	284.	nc						
Parathion	56-38-2	379.		-	379.	nc						
Pebulate	1114-71-2	3,910.		-	3,910.	nc						
PeCDD, 2,3,7,8-	36088-22-9	5.11E-05		4.93E-06	4.93E-06	ca						
PeCDF, 1,2,3,7,8-	57117-41-6	0.002		1.64E-04	1.64E-04	ca						
PeCDF, 2,3,4,7,8-	57117-31-4	1.70E-04		1.64E-05	1.64E-05	ca						
Pendimethalin	40487-42-1	1,900.		-	1,900.	nc						
Pentabromodiphenyl Ether	32534-81-9	156.		-	0.312	Csat						
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.32		-	6.32	nc						
Pentachlorobenzene	608-93-5	62.6		-	62.6	nc						
Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	5.11E-05		4.93E-06	4.93E-06	ca						
Pentachloroethane	76-01-7	-		7.72	7.72	ca						
Pentachloronitrobenzene	82-68-8	235.		2.67	2.67	ca						
Pentachlorophenol	87-86-5	245.		1.02	1.02	ca						
Pentaerythritol tetranitrate (PETN)	78-11-5	126.		136.	126.	nc						
Pentane, n-	109-66-0	1,170.		-	388.	Csat						
Pentyl Alcohol, N-	71-41-0	-		-	3,040.	Csat						
Perchlorate and Perchlorate Salts	14797-73-0	54.8		-	54.8	nc						
Perfluorobutane Sulfonate (PFBS)	375-73-5	1,260.		-	1,260.	nc						
Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.26		-	1.26	nc						
Perfluorooctanoic acid (PFOA)	335-67-1	1.26		7.75	1.26	nc						
Permethrin	52645-53-1	3,160.		-	3,160.	nc						
Phenacetin	62-44-2	-		247.	247.	ca						
Phenmedipham	13684-63-4	15,200.		-	15,200.	nc						
Phenol	108-95-2	19,000.		-	19,000.	nc						
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	253.		-	253.	nc						
Phenothiazine	92-84-2	31.6		-	31.6	nc						
Phenyl Isothiocyanate	103-72-0	15.6		-	15.6	nc						
Phenylenediamine, m-	108-45-2	379.		-	379.	nc						
Phenylenediamine, o-	95-54-5	253.		4.52	4.52	ca						
Phenylenediamine, p-	106-50-3	63.2		-	63.2	nc						
Phenylmercuric Acetate	62-38-4	5.06		-	5.06	nc						
Phenylphenol, 2-	90-43-7	-		280.	280.	ca						
Phorate	298-02-2	12.6		-	12.6	nc						
Phosgene	75-44-5	0.443		-	0.443	nc						
Phosmet	732-11-6	1,260.		-	1,260.	nc						
Phosphine	7803-51-2	23.5		-	23.5	nc						
Phosphoric Acid	7664-38-2	3,080,000.		-	100,000.	ceiling						
Phosphorus, White	7723-14-0	1.56		-	1.56	nc						
Phthalic Acid, P-	100-21-0	63,200.		-	63,200.	nc						
Phthalic Anhydride	85-44-9	126,000.		-	100,000.	ceiling						
Picloram	1918-02-1	4,420.		-	4,420.	nc						
Picoline, 2-	109-06-8	-		-	100,000.	ceiling						
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.32		-	6.32	nc						
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	56.9		-	56.9	nc						
Piperidine	110-89-4	-		-	100,000.	ceiling						
Pirimiphos, Methyl	29232-93-7	4.21		-	4.21	nc						
Polybrominated Biphenyls	59536-65-1	0.442		0.018	0.018	ca						
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	976,000.		-	100,000.	ceiling						
Polyphosphoric acid	8017-16-1	3,800,000.		-	100,000.	ceiling						
Potassium Cyanide	151-50-8	156.		-	156.	nc						
Potassium Perchlorate	7778-74-7	54.8		-	54.8	nc						
Potassium Perfluorobutane Sulfonate	29420-49-3	1,260.		-	1,260.	nc						
Potassium Perfluorooctane Sulfonate	2795-39-3	1.26		-	1.26	nc						
Potassium Silver Cyanide	506-61-6	391.		-	391.	nc						
Potassium tripolyphosphate	13845-36-8	3,800,000.		-	100,000.	ceiling						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Prochloraz	67747-09-5	569.	3.62	3.62	ca						
Profluralin	26399-36-0	469.	-	469.	nc						
Prometon	1610-18-0	948.	-	948.	nc						
Prometryn	7287-19-6	2,530.	-	2,530.	nc						
Propachlor	1918-16-7	822.	-	822.	nc						
Propanil	709-98-8	316.	-	316.	nc						
Propargite	2312-35-8	2,530.	16.6	16.6	ca						
Propargyl Alcohol	107-19-7	156.	-	156.	nc						
Propazine	139-40-2	1,260.	-	1,260.	nc						
Propham	122-42-9	1,260.	-	1,260.	nc						
Propiconazole	60207-90-1	6,320.	-	6,320.	nc						
Propionaldehyde	123-38-6	108.	-	108.	nc						
Propionitrile	107-12-0	-	-	15,600.	Csat						
Propionitrile, 3-(NN-dimethylamino)	1738-25-6	-	-	100,000.	ceiling						
Propyl Alcohol, n-	71-23-8	-	-	100,000.	ceiling						
Propyl benzene	103-65-1	4,490.	-	264.	Csat						
Propylene	115-07-1	3,180.	-	349.	Csat						
Propylene Glycol	57-55-6	1,260,000.	-	100,000.	ceiling						
Propylene Glycol Dinitrate	6423-43-4	442,000.	-	100,000.	ceiling						
Propylene Glycol Monoethyl Ether	1569-02-4	-	-	39,500.	Csat						
Propylene Glycol Monomethyl Ether	107-98-2	44,400.	-	44,400.	nc						
Propylene Oxide	75-56-9	465.	2.3	2.3	ca						
Propyzamide	23950-58-5	4,740.	-	4,740.	nc						
Pyridine	110-86-1	78.2	-	78.2	nc						
Quinalphos	13593-03-8	31.6	-	31.6	nc						
Quinoline	91-22-5	-	0.181	0.181	ca						
Quizalofop-ethyl	76578-14-8	569.	-	569.	nc						
Resmethrin	10453-86-8	1,900.	-	1,900.	nc						
Ronnel	299-84-3	3,910.	-	3,910.	nc						
Rotenone	83-79-4	253.	-	253.	nc						
Safrole	94-59-7	-	0.554	0.554	ca						
Selenious Acid	7783-00-8	391.	-	391.	nc						
Selenium Sulfide	7446-34-6	391.	-	391.	nc						
Selenourea	630-10-4	-	-	100,000.	ceiling						
Sethoxydim	74051-80-2	8,850.	-	8,850.	nc						
Silica (crystalline, respirable)	7631-86-9	4,880,000.	-	100,000.	ceiling						
Silver	7440-22-4	391.	-	391.	nc						
Silver Cyanide	506-64-9	7,820.	-	7,820.	nc						
Simazine	122-34-9	316.	4.52	4.52	ca						
Sodium acid pyrophosphate	7758-16-9	3,800,000.	-	100,000.	ceiling						
Sodium Acifluorfen	62476-59-9	822.	-	822.	nc						
Sodium aluminum phosphate (acidic)	7785-88-8	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (anhydrous)	10279-59-1	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3,800,000.	-	100,000.	ceiling						
Sodium Azide	26628-22-8	313.	-	313.	nc						
Sodium Cyanide	143-33-9	78.2	-	78.2	nc						
Sodium Dichromate	10588-01-9	1,560.	0.298	0.298	ca						
Sodium Diethyldithiocarbamate	148-18-5	1,900.	2.01	2.01	ca						
Sodium Fluoride	7681-49-4	3,910.	-	3,910.	nc						
Sodium Fluoroacetate	62-74-8	1.26	-	1.26	nc						
Sodium hexametaphosphate	10124-56-8	3,800,000.	-	100,000.	ceiling						
Sodium Metavanadate	13718-26-8	78.2	-	78.2	nc						
Sodium Perchlorate	7601-89-0	54.8	-	54.8	nc						
Sodium polyphosphate	68915-31-1	3,800,000.	-	100,000.	ceiling						
Sodium trimetaphosphate	7785-84-4	3,800,000.	-	100,000.	ceiling						
Sodium tripolyphosphate	7758-29-4	3,800,000.	-	100,000.	ceiling						
Sodium Tungstate	13472-45-2	62.6	-	62.6	nc						
Sodium Tungstate Dihydrate	10213-10-2	62.6	-	62.6	nc						
Stirofos (Tetrachlorovinphos)	961-11-5	1,900.	22.6	22.6	ca						
Strontium Chromate	7789-06-2	1,560.	0.298	0.298	ca						
Strychnine	57-24-9	19.	-	19.	nc						
Styrene	100-42-5	7,410.	-	867.	Csat						
Sulfolane	126-33-0	63.2	-	63.2	nc						
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	50.6	-	50.6	nc						
Sulfur Mustard	505-60-2	-	-	1,050.	Csat						
Sulfur Trioxide	7446-11-9	1,630,000.	-	100,000.	ceiling						
Sulfuric Acid	7664-93-9	1,630,000.	-	100,000.	ceiling						
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3,160.	21.7	21.7	ca						
TCDD, 2,3,7,8-	1746-01-6	5.11E-05	4.82E-06	4.82E-06	ca						
TCDF, 2,3,7,8-	51207-31-9	5.11E-04	4.84E-05	4.84E-05	ca						
TCMTB	21564-17-0	1,900.	-	1,900.	nc						
Tebuthiuron	34014-18-1	4,420.	-	4,420.	nc						
Temephos	3383-96-8	1,260.	-	1,260.	nc						
Terbacil	5902-51-2	822.	-	822.	nc						
Terbufos	13071-79-9	1.96	-	1.96	nc						
Terbutryn	886-50-0	63.2	-	63.2	nc						
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.32	-	6.32	nc						
Tetrachlorobenzene, 1,2,4,5-	95-94-3	23.5	-	23.5	nc						
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca						
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca						
Tetrachlorophenol, 2,3,4,6-	58-90-2	1,900.	-	1,900.	nc						
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	-	0.035	0.035	ca						
Tetraethyl Dithiopyrophosphate	3689-24-5	31.6	-	31.6	nc						
Tetraethyl Lead	78-00-2	0.008	-	0.008	nc						
Tetrafluoroethane, 1,1,1,2-	811-97-2	147,000.	-	2,050.	Csat						
Tetrahydrofuran	109-99-9	23,300.	-	23,300.	nc						
Tetrahydrothiophene	110-01-0	-	-	2,180.	Csat						
Tetrapotassium phosphate	7320-34-5	3,800,000.	-	100,000.	ceiling						
Tetrasodium pyrophosphate	7722-88-5	3,800,000.	-	100,000.	ceiling						
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	156.	-	156.	nc						
Thallic Oxide	1314-32-5	1.56	-	1.56	nc						
Thallium (I) Nitrate	10102-45-1	0.782	-	0.782	nc						

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Thallium (Soluble Salts)	7440-28-0	0.782	-	0.782	nc						
Thallium Acetate	563-68-8	0.782	-	0.782	nc						
Thallium Carbonate	6533-73-9	1.56	-	1.56	nc						
Thallium Chloride	7791-12-0	0.782	-	0.782	nc						
Thallium Selenite	12039-52-0	0.782	-	0.782	nc						
Thallium Sulfate	7446-18-6	1.56	-	1.56	nc						
Thifensulfuron-methyl	79277-27-3	2,720.	-	2,720.	nc						
Thiobencarb	28249-77-6	632.	-	632.	nc						
Thiocyanic Acid	463-56-9	15.6	-	15.6	nc						
Thiodiglycol	111-48-8	5,380.	-	5,380.	nc						
Thiofanox	39196-18-4	19.	-	19.	nc						
Thiophanate, Methyl	23564-05-8	1,690.	46.8	46.8	ca						
Thiophene	110-02-1	-	-	1,800.	Csat						
Thiram	137-26-8	948.	-	948.	nc						
Tin	7440-31-5	46,900.	-	46,900.	nc						
Titanium Tetrachloride	7550-45-0	163,000.	-	100,000.	ceiling						
Toluene-2,4-diisocyanate	584-84-9	9.17	281.	9.17	nc						
Toluene-2,5-diamine	95-70-5	12.6	3.01	3.01	ca						
Toluene-2,6-diisocyanate	91-08-7	7.6	233.	7.6	nc						
Toluidine, o- (Methylaniline, 2-)	95-53-4	-	33.9	33.9	ca						
Toluidine, p-	106-49-0	253.	18.1	18.1	ca						
Toxaphene	8001-35-2	-	0.493	0.493	ca						
Tralomethrin	66841-25-6	474.	-	474.	nc						
Triacetin	102-76-1	5,060,000.	-	100,000.	ceiling						
Triadimefon	43121-43-3	2,150.	-	2,150.	nc						
Triallate	2303-17-5	1,960.	9.7	9.7	ca						
Trialuminum sodium tetra decahydrog	15136-87-5	3,800,000.	-	100,000.	ceiling						
Triasulfuron	82097-50-5	632.	-	632.	nc						
Tribenuron-methyl	101200-48-0	506.	-	506.	nc						
Tribromobenzene, 1,2,4-	615-54-3	391.	-	391.	nc						
Tributyl Phosphate	126-73-8	632.	60.3	60.3	ca						
Tributyltin chloride	1461-22-9	-	-	1,250.	Csat						
Tributyltin Oxide	56-35-9	19.	-	19.	nc						
Tricalcium phosphate	7758-87-4	3,800,000.	-	100,000.	ceiling						
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	9,640.	-	910.	Csat						
Trichloroacetic Acid	76-03-9	1,260.	7.75	7.75	ca						
Trichloroaniline HCl, 2,4,6-	33663-50-2	-	18.7	18.7	ca						
Trichloroaniline, 2,4,6-	634-93-5	1.9	77.5	1.9	nc						
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc						
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca						
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca						
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat						
Trichlorophenol, 2,4,5-	95-95-4	6,320.	-	6,320.	nc						
Trichlorophenol, 2,4,6-	88-06-2	63.2	49.3	49.3	ca						
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	632.	-	632.	nc						
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	506.	-	506.	nc						
Trichloropropane, 1,1,2-	598-77-6	391.	-	391.	nc						
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca						
Trichloropropene, 1,2,3-	96-19-5	1.05	-	1.05	nc						
Tricresyl Phosphate (TCP)	1330-78-5	1,260.	-	1,260.	nc						
Tridiphane	58138-08-2	190.	-	190.	nc						
Triethyl Lead	5224-23-7	-	-	5,670.	Csat						
Triethyl phosphorothioate [O,O,O-]	126-68-1	-	-	233.	Csat						
Triethylamine	121-44-8	167.	-	167.	nc						
Triethylene Glycol	112-27-6	126,000.	-	100,000.	ceiling						
Trifluoroethane, 1,1,1-	420-46-2	21,400.	-	4,810.	Csat						
Trifluralin	1582-09-8	587.	90.3	90.3	ca						
Trimagnesium phosphate	7757-87-1	3,800,000.	-	100,000.	ceiling						
Trimethyl Lead	7442-13-9	-	-	308.	Csat						
Trimethyl Phosphate	512-56-1	632.	27.1	27.1	ca						
Trimethylbenzene, 1,2,3-	526-73-8	408.	-	293.	Csat						
Trimethylethyl Lead	1762-26-1	-	-	25.6	Csat						
Trimethylpentane, 2,2,4-	540-84-1	-	-	61.2	Csat						
Trimethylpentene, 2,4,4-	25167-70-8	782.	-	29.6	Csat						
Tri-n-butyltin	688-73-3	23.5	-	23.5	nc						
Trinitrobenzene, 1,3,5-	99-35-4	2,250.	-	2,250.	nc						
Trinitrotoluene, 2,4,6-	118-96-7	36.3	21.3	21.3	ca						
Triphenylphosphine Oxide	791-28-6	1,260.	-	1,260.	nc						
Tripotassium phosphate	7778-53-2	3,800,000.	-	100,000.	ceiling						
Tripropyl Lead	6618-03-7	-	-	3.08	Csat						
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1,260.	-	1,260.	nc						
Tris(1-chloro-2-propyl)phosphate	13674-84-5	632.	-	632.	nc						
Tris(2,3-dibromopropyl)phosphate	126-72-7	-	0.287	0.287	ca						
Tris(2-chloroethyl)phosphate	115-96-8	442.	27.1	27.1	ca						
Tris(2-ethylhexyl)phosphate	78-42-2	6,320.	170.	170.	ca						
Trisodium phosphate	7601-54-9	3,800,000.	-	100,000.	ceiling						
Tungsten	7440-33-7	62.6	-	62.6	nc						
Urethane	51-79-6	-	0.122	0.122	ca						
Vanadium Pentoxide	1314-62-1	663.	528.	528.	ca						
Vernolate	1929-77-7	78.2	-	78.2	nc						
Vinclozolin	50471-44-8	75.9	-	75.9	nc						
Vinyl Acetate	108-05-4	1,300.	-	1,300.	nc						
Vinyl Bromide	593-60-2	6.18	0.173	0.173	ca						
Warfarin	81-81-2	19.	-	19.	nc						
Xylene, m-	108-38-3	783.	-	388.	Csat						
Xylene, o-	95-47-6	915.	-	434.	Csat						
Xylene, P-	106-42-3	798.	-	390.	Csat						
Zinc Cyanide	557-21-1	3,910.	-	3,910.	nc						
Zinc Phosphide	1314-84-7	23.5	-	23.5	nc						
Zineb	12122-67-7	3,160.	-	3,160.	nc						
Zirconium	7440-67-7	6.26	-	6.26	nc						

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Test1Chem(DRO)	Wis. DRO										
Test2Chem(GRO)	Wis. GRO										
Test3Chem(TPH)	TPH										

Type BRRTS No. Here (If Known)

2.4E-06	0	0.0125	2.4E-06
cPAH Risk ≤ 5e-06 (to pass)	Exceedance Count = 0 (to pass)	HI ≤ 1.0 (to pass)	Cumulative CR ≤ 1e-05 (to pass)

Bottom-Line:

18. 03/14/2017 Yes, levels are below direct-contact concern.

Residential setting. Not-To-Exceed D-C RCLs from web-calculator at: *http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search* (Chicago as climatic zone).
Not-to-Exceed D-C RCL defaults to 100,000 mg/kg if web-calculator result or Csat exceeds 10% by weight (the ceiling limit concentration defined in EPA RSL Users Guide).
Basis: **ca** = cancer; **nc** = non-cancer; **Csat** = soil saturation concentration; **ceiling** = 10%.

For 7 cPAHs: Individual exceedance not assessed, but assessed via a separate cumulative-only cancer risk threshold level of 5e-06.

Background threshold values are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: *http://pubs.usgs.gov/sir/2011/5202*.

1. ***Enter data in yellow cells.*** Numeric-only values under "INPUT Site Data." For ND, use detection limit. Do not type '-', 'NA' nor 'space bar.' Leave purple cells "as is."
2. ***After completing data entry, click "Get Summary" in Row 924.***

(Contaminants not listed can be added starting at Row 912.)

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAHs / Comparison / Hazard Index / Cumulative Cancer Risk: cPAH Risk Threshold: **5.00E-06** — cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Target CR used: **1.00E-06** — Cancer Risk (CR) from Data
Benzene	71-43-2	106.	1.6	1.6	ca						
Ethylbenzene	100-41-4	4,080.	8.02	8.02	ca						
Toluene	108-88-3	5,240.	-	818.	Csat						
Xylenes	1330-20-7	818.	-	260.	Csat						
Methyl tert-Butyl Ether (MTBE)	1634-04-4	22,100.	63.8	63.8	ca						
Dichloroethane, 1,2-	107-06-2	43.7	0.652	0.652	ca						
Dibromoethane, 1,2-	106-93-4	100.	0.05	0.05	ca						
Trichloroethylene	79-01-6	5.68	1.3	1.3	ca						
Tetrachloroethylene	127-18-4	109.	33.	33.	ca						
Vinyl Chloride	75-01-4	89.2	0.067	0.067	ca						
Dichloroethylene, 1,1-	75-35-4	320.	-	320.	nc						
Dichloroethylene, 1,2-trans-	156-60-5	1,560.	-	1,560.	nc						
Dichloroethylene, 1,2-cis-	156-59-2	156.	-	156.	nc						
Trichloroethane, 1,1,1-	71-55-6	11,500.	-	640.	Csat						
Carbon Tetrachloride	56-23-5	131.	0.916	0.916	ca						
Trimethylbenzene, 1,2,4-	95-63-6	373.	-	219.	Csat						
Trimethylbenzene, 1,3,5-	108-67-8	339.	-	182.	Csat						
Dioxane, 1,4-	123-91-1	1,020.	5.72	5.72	ca						
Naphthalene	91-20-3	178.	5.52	5.52	ca		0.007			0.	1.3E-09
Nonane, n-	111-84-2	13.4	-	6.86	Csat						
Benzo[a]pyrene	50-32-8	17.8	0.115	0.115	ca		0.009	7.7E-08	*cPAH*	0.0005	7.7E-08
Acenaphthene	83-32-9	3,590.	-	3,590.	nc		0.008			0.	
Acenaphthylene	208-96-8	-	-				0.006				
Anthracene	120-12-7	17,900.	-	17,900.	nc		0.008			0.	
Benz[a]anthracene	56-55-3	-	1.14	1.14	ca		0.006	5.4E-09	*cPAH*		5.4E-09
Benzo(j)fluoranthene	205-82-3	-	0.424	0.424	ca						
Benzo[b]fluoranthene	205-99-2	-	1.15	1.15	ca		0.01	8.6E-09	*cPAH*		8.6E-09
Benzo[g,h,i]perylene	191-24-2	-	-				0.015				
Benzo[k]fluoranthene	207-08-9	-	11.5	11.5	ca		0.014	1.2E-09	*cPAH*		1.2E-09
Chrysene	218-01-9	-	115.	115.	ca		0.013	1.1E-10	*cPAH*		1.1E-10
Dibenz[a,h]anthracene	53-70-3	-	0.115	0.115	ca		0.009	7.7E-08	*cPAH*		7.7E-08
Dibenzo(a,e)pyrene	192-65-4	-	0.042	0.042	ca						
Dimethylbenz(a)anthracene, 7,12-	57-97-6	-	4.59E-04	4.59E-04	ca						
Fluoranthene	206-44-0	2,390.	-	2,390.	nc		0.009			0.	
Fluorene	86-73-7	2,390.	-	2,390.	nc		0.007			0.	
Indeno[1,2,3-cd]pyrene	193-39-5	-	1.15	1.15	ca		0.012	1.0E-08	*cPAH*		1.0E-08
Methylnaphthalene, 1-	90-12-0	4,180.	17.6	17.6	ca		0.011			0.	6.3E-10
Methylnaphthalene, 2-	91-57-6	239.	-	239.	nc		0.008			0.	
Nitropyrene, 4-	57835-92-4	-	0.424	0.424	ca						
Perylene	198-55-0	-	-								
Phenanthrene	85-01-8	-	-				0.006				
Pyrene	129-00-0	1,790.	-	1,790.	nc		0.009			0.	
Methylcholanthrene, 3-	56-49-5	-	0.006	0.006	ca						
Aluminum	7429-90-5	77,500.	-	77,500.	nc	28,721.					
Arsenic, Inorganic	7440-38-2	34.9	0.677	0.677	ca	8.					
Barium	7440-39-3	15,300.	-	15,300.	nc	364.					
Beryllium and compounds	7440-41-7	156.	1,830.	156.	nc						
Cadmium (Diet)	7440-43-9	71.1	2,430.	71.1	nc	1.					
Calcium	7440-70-2	-	-			14,536.					
Chromium(VI)	18540-29-9	234.	0.301	0.301	ca						
Chromium(III), Insoluble Salts	16065-83-1	117,000.	-	100,000.	ceiling						
Chromium, Total	7440-47-3	-	-			44.					
Cobalt	7440-48-4	23.4	487.	23.4	nc	22.					
Copper	7440-50-8	3,130.	-	3,130.	nc	35.					
Mercury (elemental)	7439-97-6	15.7	-	3.13	Csat						
Iron	7439-89-6	54,800.	-	54,800.	nc	34,314.					
Magnesium	7439-95-4	-	-			8,290.					
Lead and Compounds	7439-92-1	400.	-	400.		52.					
Manganese (Non-diet)	7439-96-5	1,830.	-	1,830.	nc	2,937.					
Molybdenum	7439-98-7	391.	-	391.	nc						
Nickel Soluble Salts	7440-02-0	1,550.	16,900.	1,550.	nc	31.					
Selenium	7782-49-2	391.	-	391.	nc						
Strontium, Stable	7440-24-6	46,900.	-	46,900.	nc	55.					
Vanadium and Compounds	7440-62-2	393.	-	393.	nc	85.					
Zinc and Compounds	7440-66-6	23,500.	-	23,500.	nc	150.					
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	0.411	0.038	0.038	ca						
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	0.137	0.012	0.012	ca						
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.37	0.124	0.124	ca						
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.37	0.121	0.121	ca						
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.37	0.122	0.122	ca						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	4.11E-04	3.66E-05	3.66E-05	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.37	0.124	0.124	ca						
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.37	0.125	0.125	ca						
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	0.001	1.25E-04	1.25E-04	ca						
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.37	0.126	0.126	ca						
Aroclor 1016	12674-11-2	4.11	6.79	4.11	nc						
Aroclor 1221	11104-28-2	-	0.213	0.213	ca						
Aroclor 1232	11141-16-5	-	0.19	0.19	ca						
Aroclor 1242	53469-21-9	-	0.235	0.235	ca						
Aroclor 1248	12672-29-6	-	0.236	0.236	ca						
Aroclor 1254	11097-69-1	1.17	0.239	0.239	ca						
Aroclor 1260	11096-82-5	-	0.243	0.243	ca						
Aroclor 5460	11126-42-4	35.2	-	35.2	nc						
Polychlorinated Biphenyls (high risk)	1336-36-3	-	0.234	0.234	ca						
Acephate	30560-19-1	75.9	-	75.9	nc						
Acetaldehyde	75-07-0	118.	16.1	16.1	ca						
Acetochlor	34256-82-1	1,260.	-	1,260.	nc						
Acetone	67-64-1	63,400.	-	63,400.	nc						
Acetone Cyanohydrin	75-86-5	3,250,000.	-	100,000.	ceiling						
Acetonitrile	75-05-8	1,170.	-	1,170.	nc						
Acetophenone	98-86-2	7,820.	-	2,520.	Csat						
Acetylaminofluorene, 2-	53-96-3	-	0.143	0.143	ca						
Acrolein	107-02-8	0.207	-	0.207	nc						
Acrylamide	79-06-1	126.	0.244	0.244	ca						
Acrylic Acid	79-10-7	143.	-	143.	nc						
Acrylonitrile	107-13-1	23.	0.338	0.338	ca						
Adiponitrile	111-69-3	9,760,000.	-	100,000.	ceiling						
Alachlor	15972-60-8	632.	9.69	9.69	ca						
Aldicarb	116-06-3	63.2	-	63.2	nc						
Aldicarb Sulfone	1646-88-4	63.2	-	63.2	nc						
Aldrin	309-00-2	2.35	0.04	0.04	ca						
Allyl Alcohol	107-18-6	5.08	-	5.08	nc						
Allyl Chloride	107-05-1	2.38	1.04	1.04	ca						
Aluminum metaphosphate	13776-88-0	3,800,000.	-	100,000.	ceiling						
Aluminum Phosphide	20859-73-8	31.3	-	31.3	nc						
Ametryn	834-12-8	569.	-	569.	nc						
Aminobiphenyl, 4-	92-67-1	-	0.026	0.026	ca						
Aminophenol, m-	591-27-5	5,060.	-	5,060.	nc						
Aminophenol, o-	95-55-6	253.	-	253.	nc						
Aminophenol, p-	123-30-8	1,260.	-	1,260.	nc						
Amitraz	33089-61-1	158.	-	158.	nc						
Ammonium Perchlorate	7790-98-9	54.8	-	54.8	nc						
Ammonium polyphosphate	68333-79-9	3,800,000.	-	100,000.	ceiling						
Ammonium Sulfamate	7773-06-0	15,600.	-	15,600.	nc						
Amyl Alcohol, tert-	75-85-4	118.	-	118.	nc						
Aniline	62-53-3	442.	95.2	95.2	ca						
Anthraquinone, 9,10-	84-65-1	126.	13.6	13.6	ca						
Antimony (metallic)	7440-36-0	31.3	-	31.3	nc						
Antimony Pentoxide	1314-60-9	39.1	-	39.1	nc						
Antimony Tetroxide	1332-81-6	31.3	-	31.3	nc						
Antimony Trioxide	1309-64-4	325,000.	-	100,000.	ceiling						
Arsine	7784-42-1	0.274	-	0.274	nc						
Asulam	3337-71-1	2,280.	-	2,280.	nc						
Atrazine	1912-24-9	2,210.	2.36	2.36	ca						
Auramine	492-80-8	-	0.617	0.617	ca						
Avermectin B1	65195-55-3	25.3	-	25.3	nc						
Azinphos-methyl	86-50-0	190.	-	190.	nc						
Azobenzene	103-33-3	-	5.78	5.78	ca						
Azodicarbonamide	123-77-3	9,650.	-	9,650.	nc						
Barium Chromate	10294-40-3	1,560.	0.298	0.298	ca						
Benfluralin	1861-40-1	391.	-	391.	nc						
Benomyl	17804-35-2	3,160.	-	3,160.	nc						
Bensulfuron-methyl	83055-99-6	12,600.	-	12,600.	nc						
Bentazon	25057-89-0	1,900.	-	1,900.	nc						
Benzaldehyde	100-52-7	7,820.	174.	174.	ca						
Benzene, Ethyldimethyl	29224-55-3	-	-	130.	Csat						
Benzene, Ethylmethyl	25550-14-5	-	-	330.	Csat						
Benzene, Methylpropenyl	768-00-3	-	-	407.	Csat						
Benzene, Trimethyl	25551-13-7	-	-	182.	Csat						
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	19.	5.43	5.43	ca						
Benzenethiol	108-98-5	78.2	-	78.2	nc						
Benzidine	92-87-5	190.	5.30E-04	5.30E-04	ca						
Benzoic Acid	65-85-0	253,000.	-	100,000.	ceiling						
Benzotrichloride	98-07-7	-	0.054	0.054	ca						
Benzyl Alcohol	100-51-6	6,320.	-	6,320.	nc						
Benzyl Chloride	100-44-7	30.8	1.39	1.39	ca						
Bifenox	42576-02-3	569.	-	569.	nc						
Biphenthrin	82657-04-3	948.	-	948.	nc						
Biphenyl, 1,1'-	92-52-4	68.5	86.9	68.5	nc						
Bis(2-chloro-1-methylethyl) ether	108-60-1	3,130.	-	1,020.	Csat						
Bis(2-chloroethoxy)methane	111-91-1	190.	-	190.	nc						
Bis(2-chloroethyl)ether	111-44-4	-	0.286	0.286	ca						
Bis(2-ethylhexyl)phthalate	117-81-7	1,260.	38.8	38.8	ca						
Bis(chloromethyl)ether	542-88-1	-	1.18E-04	1.18E-04	ca						
Bisphenol A	80-05-7	3,160.	-	3,160.	nc						
Boron And Borates Only	7440-42-8	15,600.	-	15,600.	nc						
Boron Trichloride	10294-34-5	156,000.	-	100,000.	ceiling						
Boron Trifluoride	7637-07-2	3,130.	-	3,130.	nc						
Bromate	15541-45-4	313.	0.993	0.993	ca						
Bromine	7726-95-6	-	-	100,000.	ceiling						
Bromo-2-chloroethane, 1-	107-04-0	-	0.036	0.036	ca						

Find ... Contaminant	CAS Number	NC RCL (mg/kg)	C RCL (mg/kg)	Not-To-Exceed D-C RCL (mg/kg)	Basis	Background Threshold Value (mg/kg)	INPUT Site Data (mg/kg)	cPAH Risk	Flag E = Individual Exceedance!	Hazard Quotient (HQ) from Data	Cancer Risk (CR) from Data
Bromo-3-fluorobenzene, 1-	1073-06-9	-	-	896.	Csat						
Bromo-4-Ethylbenzene, 1-	1585-07-5	-	-	103.	Csat						
Bromobenzene	108-86-1	342.	-	342.	nc						
Bromochloromethane	74-97-5	216.	-	216.	nc						
Bromodichloromethane	75-27-4	1,560.	0.418	0.418	ca						
Bromodiphenyl Ether, p-	101-55-3	-	-	26.9	Csat						
Bromofluorobenzene, p-	460-00-4	-	-	323.	Csat						
Bromoform	75-25-2	1,560.	25.4	25.4	ca						
Bromomethane	74-83-9	9.6	-	9.6	nc						
Bromophos	2104-96-3	391.	-	391.	nc						
Bromopropane, 1-	106-94-5	-	-	966.	Csat						
Bromotrichloromethane	75-62-7	-	-	318.	Csat						
Bromoxynil	1689-84-5	948.	5.27	5.27	ca						
Bromoxynil Octanoate	1689-99-2	1,170.	-	1,170.	nc						
Butadiene, 1,3-	106-99-0	2.61	0.074	0.074	ca						
Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6	1,900.	-	1,900.	nc						
Butanol	35296-72-1	-	-	14,700.	Csat						
Butanol, N-	71-36-3	7,820.	-	7,640.	Csat						
Butyl alcohol, sec-	78-92-2	140,000.	-	21,300.	Csat						
Butyl Benzyl Phthalate	85-68-7	12,600.	286.	286.	ca						
Butyl Formate, tert-	762-75-4	-	-	1,700.	Csat						
Butylacetate	123-86-4	-	-	1,790.	Csat						
Butylate	2008-41-5	3,910.	-	3,910.	nc						
Butylated hydroxyanisole	25013-16-5	-	2,710.	2,710.	ca						
Butylated hydroxytoluene	128-37-0	19,000.	151.	151.	ca						
Butylbenzene, n-	104-51-8	3,910.	-	108.	Csat						
Butylbenzene, sec-	135-98-8	7,820.	-	145.	Csat						
Butylbenzene, tert-	98-06-6	7,820.	-	183.	Csat						
Butylchloride, t-	507-20-0	-	-	1,330.	Csat						
Butylphthalyl Butylglycolate	85-70-1	63,200.	-	63,200.	nc						
Cacodylic Acid	75-60-5	1,260.	-	1,260.	nc						
Calcium Chromate	13765-19-0	1,560.	0.298	0.298	ca						
Calcium Cyanide	592-01-8	78.2	-	78.2	nc						
Calcium pyrophosphate	7790-76-3	3,800,000.	-	100,000.	ceiling						
Caprolactam	105-60-2	31,300.	-	31,300.	nc						
Captafol	2425-06-1	126.	3.62	3.62	ca						
Captan	133-06-2	8,220.	236.	236.	ca						
Carbaryl	63-25-2	6,320.	-	6,320.	nc						
Carbofuran	1563-66-2	316.	-	316.	nc						
Carbon Disulfide	75-15-0	1,060.	-	738.	Csat						
Carbonyl Sulfide	463-58-1	97.3	-	97.3	nc						
Carbosulfan	55285-14-8	632.	-	632.	nc						
Carboxin	5234-68-4	6,320.	-	6,320.	nc						
Ceric oxide	1306-38-3	1,460,000.	-	100,000.	ceiling						
Chloral	75-87-6	-	-	3,380.	Csat						
Chloral Hydrate	302-17-0	7,820.	-	7,820.	nc						
Chloramben	133-90-4	948.	-	948.	nc						
Chloranil	118-75-2	-	1.35	1.35	ca						
Chlordane	12789-03-6	34.9	1.74	1.74	ca						
Chlordecone (Kepone)	143-50-0	19.	0.054	0.054	ca						
Chlorfenvinphos	470-90-6	44.2	-	44.2	nc						
Chlorimuron, Ethyl-	90982-32-4	5,690.	-	5,690.	nc						
Chlorine	7782-50-5	0.267	-	0.267	nc						
Chlorine Dioxide	10049-04-4	2,330.	-	2,330.	nc						
Chlorite (Sodium Salt)	7758-19-2	2,350.	-	2,350.	nc						
Chloro-1,1-difluoroethane, 1-	75-68-3	77,400.	-	1,150.	Csat						
Chloro-1,3-butadiene, 2-	126-99-8	31.8	0.015	0.015	ca						
Chloro-2-methylaniline HCl, 4-	3165-93-3	-	1.18	1.18	ca						
Chloro-2-methylaniline, 4-	95-69-2	190.	5.43	5.43	ca						
Chloroacetaldehyde, 2-	107-20-0	-	2.57	2.57	ca						
Chloroacetophenone, 2-	532-27-4	48,800.	-	48,800.	nc						
Chloroaniline, p-	106-47-8	253.	2.71	2.71	ca						
Chlorobenzene	108-90-7	370.	-	370.	nc						
Chlorobenzene sulfonic acid, p-	98-66-8	6,320.	-	6,320.	nc						
Chlorobenzilate	510-15-6	1,260.	4.93	4.93	ca						
Chlorobenzoic Acid, p-	74-11-3	1,900.	-	1,900.	nc						
Chlorobenzotrifluoride, 3-nitro-4-	121-17-5	-	-	547.	Csat						
Chlorobenzotrifluoride, 4-	98-56-6	218.	-	218.	nc						
Chlorobutane, 1-	109-69-3	3,130.	-	728.	Csat						
Chlorobutane, 2-	78-86-4	-	-	651.	Csat						
Chlorocyclopentadiene	41851-50-7	-	-	1,010.	Csat						
Chlorodifluoromethane	75-45-6	70,600.	-	1,680.	Csat						
Chloroethanol, 2-	107-07-3	1,560.	-	1,560.	nc						
Chloroethylvinyl ether, 2-	110-75-8	-	-	117.	Csat						
Chloroform	67-66-3	259.	0.454	0.454	ca						
Chloromethane	74-87-3	159.	-	159.	nc						
Chloromethyl Methyl Ether	107-30-2	-	0.028	0.028	ca						
Chloronaphthalene, alpha-	90-13-1	-	-	266.	Csat						
Chloronaphthalene, Beta-	91-58-7	4,780.	-	4,780.	nc						
Chloronitrobenzene, o-	88-73-3	187.	1.81	1.81	ca						
Chloronitrobenzene, p-	100-00-5	44.2	9.04	9.04	ca						
Chlorophenol, 2-	95-57-8	391.	-	391.	nc						
Chlorophenyl Methyl Sulfide, p-	123-09-1	-	-	523.	Csat						
Chloropicrin	76-06-2	2.82	-	2.82	nc						
Chloropropane, 2-	75-29-6	-	-	1,320.	Csat						
Chlorothalonil	1897-45-6	948.	175.	175.	ca						
Chlorotoluene, o-	95-49-8	1,560.	-	907.	Csat						
Chlorotoluene, p-	106-43-4	1,560.	-	253.	Csat						
Chlorozotocin	54749-90-5	-	0.002	0.002	ca						
Chlorpropham	101-21-3	3,160.	-	3,160.	nc						
Chlorpyrifos	2921-88-2	63.2	-	63.2	nc						
Chlorpyrifos Methyl	5598-13-0	632.	-	632.	nc						

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Chlorsulfuron	64902-72-3	1,260.	-	1,260.	nc						
Chlorthal-dimethyl	1861-32-1	632.	-	632.	nc						
Chlorthiophos	60238-56-4	50.6	-	50.6	nc						
Clofentezine	74115-24-5	822.	-	822.	nc						
Copper Cyanide	544-92-3	391.	-	391.	nc						
Cresol, m-	108-39-4	3,160.	-	3,160.	nc						
Cresol, o-	95-48-7	3,160.	-	3,160.	nc						
Cresol, p-	106-44-5	6,320.	-	6,320.	nc						
Cresol, p-chloro-m-	59-50-7	6,320.	-	6,320.	nc						
Cresols	1319-77-3	6,320.	-	6,320.	nc						
Crotonaldehyde	4170-30-3	-	-	20,100.	Csat						
Crotonaldehyde, trans-	123-73-9	78.2	0.366	0.366	ca						
Cumene	98-82-8	2,530.	-	268.	Csat						
Cupferron	135-20-6	-	2.47	2.47	ca						
Cyanazine	21725-46-2	126.	0.646	0.646	ca						
Cyanide (CN-)	57-12-5	27.1	-	27.1	nc						
Cyanogen	460-19-5	78.2	-	78.2	nc						
Cyanogen Bromide	506-68-3	7,040.	-	7,040.	nc						
Cyanogen Chloride	506-77-4	3,910.	-	3,910.	nc						
Cyclohexane	110-82-7	9,420.	-	117.	Csat						
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1,260.	27.1	27.1	ca						
Cyclohexanone	108-94-1	39,500.	-	5,110.	Csat						
Cyclohexene	110-83-8	332.	-	283.	Csat						
Cyclohexylamine	108-91-8	15,600.	-	15,600.	nc						
Cyclopentadiene	542-92-7	-	-	1,340.	Csat						
Cyfluthrin	68359-37-5	1,580.	-	1,580.	nc						
Cyhalothrin	68085-85-8	63.2	-	63.2	nc						
Cypermethrin	52315-07-8	3,790.	-	3,790.	nc						
Cyromazine	66215-27-8	948.	-	948.	nc						
Dalapon	75-99-0	1,900.	-	1,900.	nc						
Daminozide	1596-84-5	9,480.	30.1	30.1	ca						
DDD	72-54-8	-	2.26	2.26	ca						
DDE, p,p'-	72-55-9	-	2.	2.	ca						
DDT	50-29-3	36.5	1.89	1.89	ca						
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	442.	775.	442.	nc						
Decane	124-18-5	-	-	2.53	Csat						
Decanol, n-	112-30-1	-	-	31.9	Csat						
Demeton	8065-48-3	2.53	-	2.53	nc						
Di(2-ethylhexyl)adipate	103-23-1	37,900.	452.	452.	ca						
Diallate	2303-16-4	-	8.89	8.89	ca						
Diammonium phosphate	7783-28-0	3,800,000.	-	100,000.	ceiling						
Diazinon	333-41-5	44.2	-	44.2	nc						
Dibenzofuran	132-64-9	73.	-	73.	nc						
Dibenzothiophene	132-65-0	782.	-	782.	nc						
Dibromo-3-chloropropane, 1,2-	96-12-8	5.96	0.008	0.008	ca						
Dibromobenzene, 1,3-	108-36-1	31.3	-	31.3	nc						
Dibromobenzene, 1,4-	106-37-6	782.	-	782.	nc						
Dibromochloromethane	124-48-1	1,560.	8.28	8.28	ca						
Dibromomethane (Methylene Bromide)	74-95-3	34.	-	34.	nc						
Dibutyl Phthalate	84-74-2	6,320.	-	6,320.	nc						
Dibutyltin diacetate	1067-33-0	-	-	1.87	Csat						
Dicalcium phosphate	7757-93-9	3,800,000.	-	100,000.	ceiling						
Dicamba	1918-00-9	1,900.	-	1,900.	nc						
Dichloro-2-butene, 1,4-	764-41-0	-	0.003	0.003	ca						
Dichloro-2-butene, cis-1,4-	1476-11-5	-	0.011	0.011	ca						
Dichloro-2-butene, trans-1,4-	110-57-6	-	0.011	0.011	ca						
Dichloroacetic Acid	79-43-6	253.	10.9	10.9	ca						
Dichlorobenzene	25321-22-6	-	-	193.	Csat						
Dichlorobenzene, 1,2-	95-50-1	2,350.	-	376.	Csat						
Dichlorobenzene, 1,3-	541-73-1	-	-	297.	Csat						
Dichlorobenzene, 1,4-	106-46-7	3,810.	3.74	3.74	ca						
Dichlorobenzidine, 3,3'-	91-94-1	-	1.21	1.21	ca						
Dichlorobenzophenone, 4,4'-	90-98-2	569.	-	569.	nc						
Dichlorobenzotrifluoride, 3,4-	328-84-7	-	-	302.	Csat						
Dichlorodifluoromethane	75-71-8	126.	-	126.	nc						
Dichlorodiisopropyl ether, 2,2'-	39638-32-9	-	-	235.	Csat						
Dichloroethane, 1,1-	75-34-3	15,600.	5.06	5.06	ca						
Dichlorophenol, 2,4-	120-83-2	190.	-	190.	nc						
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	699.	-	699.	nc						
Dichloropropane, 1,2-	78-87-5	22.6	0.406	0.406	ca						
Dichloropropane, 1,3-	142-28-9	1,560.	-	1,490.	Csat						
Dichloropropane, 2,2-	594-20-7	-	-	191.	Csat						
Dichloropropanol, 2,3-	616-23-9	190.	-	190.	nc						
Dichloropropene, 1,3-	542-75-6	102.	2.37	2.37	ca						
Dichloropropene, 2,3-	78-88-6	-	-	1,070.	Csat						
Dichloropropene, cis-1,3-	10061-01-5	-	-	1,210.	Csat						
Dichloropropene, trans-1,3-	10061-02-6	-	-	1,510.	Csat						
Dichlorvos	62-73-7	31.6	1.87	1.87	ca						
Dicrotophos	141-66-2	4.42	-	4.42	nc						
Dicyclohexylamine	101-83-7	-	-	122.	Csat						
Dicyclopentadiene	77-73-6	1.86	-	1.86	nc						
Dieldrin	60-57-1	3.16	0.034	0.034	ca						
Diepoxybutane	1464-53-5	-	-	100,000.	ceiling						
Diethanolamine	111-42-2	126.	-	126.	nc						
Diethyl Phthalate	84-66-2	50,600.	-	50,600.	nc						
Diethylene Glycol Monobutyl Ether	112-34-5	1,870.	-	1,870.	nc						
Diethylene Glycol Monoethyl Ether	111-90-0	3,760.	-	3,760.	nc						
Diethylformamide	617-84-5	78.2	-	78.2	nc						
Diethylphosphorodithioate	298-06-6	-	-	0.022	Csat						
Diethylstilbestrol	56-53-1	-	0.002	0.002	ca						
Difenzoquat	43222-48-6	5,250.	-	5,250.	nc						
Diflubenzuron	35367-38-5	1,260.	-	1,260.	nc						

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Difluoroethane, 1,1-	75-37-6	69,100.	-	1,430.	Csat						
Difluoropropane, 2,2-	420-45-1	-	-	691.	Csat						
Dihydrosafrole	94-58-6	-	11.2	11.2	ca						
Diisopropyl Ether	108-20-3	3,220.	-	2,260.	Csat						
Diisopropyl Methylphosphonate	1445-75-6	6,260.	-	530.	Csat						
Dimagnesium phosphate	7782-75-4	3,800,000.	-	100,000.	ceiling						
Dimethipin	55290-64-7	1,380.	-	1,380.	nc						
Dimethoate	60-51-5	139.	-	139.	nc						
Dimethoxybenzidine, 3,3'-	119-90-4	-	0.339	0.339	ca						
Dimethyl methylphosphonate	756-79-6	3,790.	319.	319.	ca						
Dimethyl Sulfide	75-18-3	-	-	5,350.	Csat						
Dimethylamino azobenzene [p-]	60-11-7	-	0.118	0.118	ca						
Dimethylaniline HCl, 2,4-	21436-96-4	-	0.935	0.935	ca						
Dimethylaniline, 2,4-	95-68-1	126.	2.71	2.71	ca						
Dimethylaniline, N,N-	121-69-7	156.	25.7	25.7	ca						
Dimethylbenzidine, 3,3'-	119-93-7	-	0.049	0.049	ca						
Dimethylformamide	68-12-2	3,320.	-	3,320.	nc						
Dimethylhydrazine, 1,1-	57-14-7	0.082	-	0.082	nc						
Dimethylhydrazine, 1,2-	540-73-8	-	9.74E-04	9.74E-04	ca						
Dimethylmercury	593-74-8	-	-	2,190.	Csat						
Dimethylphenol, 2,4-	105-67-9	1,260.	-	1,260.	nc						
Dimethylphenol, 2,6-	576-26-1	37.9	-	37.9	nc						
Dimethylphenol, 3,4-	95-65-8	63.2	-	63.2	nc						
Dimethylphthalate	131-11-3	569.	-	569.	nc						
Dimethylterephthalate	120-61-6	7,820.	-	7,820.	nc						
Dimethylvinylchloride	513-37-1	-	1.54	1.54	ca						
Di-n-hexylphthalate	84-75-3	-	-	3.84	Csat						
Dinitrobenzene, 1,2-	528-29-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,3-	99-65-0	6.32	-	6.32	nc						
Dinitrobenzene, 1,4-	100-25-4	6.32	-	6.32	nc						
Dinitro-o-cresol, 4,6-	534-52-1	5.06	-	5.06	nc						
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	126.	-	126.	nc						
Dinitrophenol, 2,4-	51-28-5	126.	-	126.	nc						
Dinitrotoluene, 2,4-	121-14-2	126.	1.74	1.74	ca						
Dinitrotoluene, 2,6-	606-20-2	19.	0.363	0.363	ca						
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	154.	-	154.	nc						
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	153.	-	153.	nc						
Dinitrotoluene, Technical grade	25321-14-6	56.9	1.21	1.21	ca						
Dinoseb	88-85-7	63.2	-	63.2	nc						
Diphenamid	957-51-7	1,900.	-	1,900.	nc						
Diphenyl Sulfone	127-63-9	50.6	-	50.6	nc						
Diphenylamine	122-39-4	6,320.	-	6,320.	nc						
Diphenylhydrazine, 1,2-	122-66-7	-	0.678	0.678	ca						
Dipotassium phosphate	7758-11-4	3,800,000.	-	100,000.	ceiling						
Diquat	85-00-7	139.	-	139.	nc						
Direct Black 38	1937-37-7	-	0.076	0.076	ca						
Direct Blue 6	2602-46-2	-	0.073	0.073	ca						
Direct Brown 95	16071-86-6	-	0.081	0.081	ca						
Disodium phosphate	7558-79-4	3,800,000.	-	100,000.	ceiling						
Disulfoton	298-04-4	2.53	-	2.53	nc						
Dithiane, 1,4-	505-29-3	782.	-	782.	nc						
Diuron	330-54-1	126.	-	126.	nc						
Dodine	2439-10-3	1,260.	-	1,260.	nc						
Endosulfan	115-29-7	469.	-	469.	nc						
Endothall	145-73-3	1,260.	-	1,260.	nc						
Endrin	72-20-8	19.	-	19.	nc						
Epichlorohydrin	106-89-8	26.8	33.4	26.8	nc						
Epoxybutane, 1,2-	106-88-7	231.	-	231.	nc						
EPTC	759-94-4	3,910.	-	3,910.	nc						
Ethanol	64-17-5	-	-	100,000.	ceiling						
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2,530.	-	2,530.	nc						
Ethephon	16672-87-0	316.	-	316.	nc						
Ethion	563-12-2	31.6	-	31.6	nc						
Ethoxy Propanol	52125-53-8	-	-	39,600.	Csat						
Ethoxyethanol Acetate, 2-	111-15-9	3,250.	-	3,250.	nc						
Ethoxyethanol, 2-	110-80-5	5,690.	-	5,690.	nc						
Ethyl Acetate	141-78-6	897.	-	897.	nc						
Ethyl Acrylate	140-88-5	63.9	-	63.9	nc						
Ethyl Chloride	75-00-3	19,500.	-	2,120.	Csat						
Ethyl Ether	60-29-7	15,600.	-	10,100.	Csat						
Ethyl Methacrylate	97-63-2	2,610.	-	1,100.	Csat						
Ethylene Cyanohydrin	109-78-4	4,420.	-	4,420.	nc						
Ethylene Diamine	107-15-3	7,040.	-	7,040.	nc						
Ethylene Glycol	107-21-1	126,000.	-	100,000.	ceiling						
Ethylene Glycol Monobutyl Ether	111-76-2	6,320.	-	6,320.	nc						
Ethylene Oxide	75-21-8	275.	0.003	0.003	ca						
Ethylene Thiourea	96-45-7	5.06	12.1	5.06	nc						
Ethyleneimine	151-56-4	-	0.003	0.003	ca						
Ethylphthalyl Ethyl Glycolate	84-72-0	190,000.	-	100,000.	ceiling						
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	0.632	-	0.632	nc						
Fenamiphos	22224-92-6	15.8	-	15.8	nc						
Fenpropathrin	39515-41-8	1,580.	-	1,580.	nc						
Fenvalerate	51630-58-1	1,580.	-	1,580.	nc						
Fluometuron	2164-17-2	822.	-	822.	nc						
Fluoride	16984-48-8	3,130.	-	3,130.	nc						
Fluorine (Soluble Fluoride)	7782-41-4	4,690.	-	4,690.	nc						
Fluorobenzene	462-06-6	-	-	2,390.	Csat						
Fluorophenol, 2-	367-12-4	-	-	27,300.	Csat						
Fluridone	59756-60-4	5,060.	-	5,060.	nc						
Flurprimidol	56425-91-3	948.	-	948.	nc						
Flusilazole	85509-19-9	126.	-	126.	nc						
Flutolanil	66332-96-5	31,600.	-	31,600.	nc						

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Fluvalinate	69409-94-5	632.	-	632.	nc						
Folpet	133-07-3	5,690.	-	5,690.	nc						
Fomesafen	72178-02-0	158.	-	158.	nc						
Fonofos	944-22-9	126.	-	126.	nc						
Formaldehyde	50-00-0	1,070.	24.2	24.2	ca						
Formic Acid	64-18-6	42.	-	42.	nc						
Fosetyl-AL	39148-24-8	158,000.	-	100,000.	ceiling						
Furan	110-00-9	73.	-	73.	nc						
Furazolidone	67-45-8	-	0.143	0.143	ca						
Furfural	98-01-1	220.	-	220.	nc						
Furium	531-82-8	-	0.362	0.362	ca						
Furmecyclox	60568-05-0	-	18.1	18.1	ca						
Glufosinate, Ammonium	77182-82-2	379.	-	379.	nc						
Glutaraldehyde	111-30-8	130,000.	-	100,000.	ceiling						
Glycidyl	765-34-4	25.1	-	25.1	nc						
Glyphosate	1071-83-6	6,320.	-	6,320.	nc						
Guanidine	113-00-8	782.	-	782.	nc						
Guanidine Chloride	50-01-1	1,260.	-	1,260.	nc						
Guanidine Nitrate	506-93-4	1,900.	-	1,900.	nc						
Haloxyfop, Methyl	69806-40-2	3.16	-	3.16	nc						
HCDD, 1,2,3,4,6,7,8,-	35822-46-9	0.073	4.84E-04	4.84E-04	ca						
Heptachlor	76-44-8	39.1	0.14	0.14	ca						
Heptachlor Epoxide	1024-57-3	1.02	0.072	0.072	ca						
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562-39-4	0.005	4.90E-04	4.90E-04	ca						
Heptanal, n-	111-71-7	-	-	209.	Csat						
Heptane, N-	142-82-5	22.5	-	22.5	nc						
Heptanol, n-	111-70-6	-	-	378.	Csat						
Hexabromobenzene	87-82-1	156.	-	156.	nc						
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	12.6	-	12.6	nc						
Hexachlorobenzene	118-74-1	62.6	0.252	0.252	ca						
Hexachlorobutadiene	87-68-3	78.2	1.63	1.63	ca						
Hexachlorocyclohexane, Alpha-	319-84-6	506.	0.086	0.086	ca						
Hexachlorocyclohexane, Beta-	319-85-7	-	0.301	0.301	ca						
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	21.4	0.568	0.568	ca						
Hexachlorocyclohexane, Technical	608-73-1	-	0.301	0.301	ca						
Hexachlorocyclopentadiene	77-47-4	2.55	-	2.55	nc						
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	5.11E-04	4.85E-05	4.85E-05	ca						
Hexachlorodibenzo-p-dioxin	34465-46-8	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	39227-28-6	5.11E-04	4.93E-05	4.93E-05	ca						
Hexachloroethane	67-72-1	47.6	2.52	2.52	ca						
Hexachlorophene	70-30-4	19.	-	19.	nc						
Hexachloropropene	1888-71-7	-	-	43.8	Csat						
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	227.	6.06	6.06	ca						
Hexamethylene Diisocyanate, 1,6-	822-06-0	4.52	-	4.52	nc						
Hexamethylphosphoramide	680-31-9	25.3	-	25.3	nc						
Hexane, N-	110-54-3	874.	-	141.	Csat						
Hexanedioic Acid	124-04-9	126,000.	-	100,000.	ceiling						
Hexanol, n-	111-27-3	-	-	999.	Csat						
Hexanone, 2-	591-78-6	237.	-	237.	nc						
Hexazinone	51235-04-2	2,090.	-	2,090.	nc						
Hexythiazox	78587-05-0	1,580.	-	1,580.	nc						
HpCDD, 2,3,7,8-	37871-00-4	0.005	4.84E-04	4.84E-04	ca						
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	0.005	4.90E-04	4.90E-04	ca						
HpCDF, 2,3,7,8-	38998-75-3	0.005	4.90E-04	4.90E-04	ca						
HxCDD, 1,2,3,6,7,8-	57653-85-7	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDD, 1,2,3,7,8,9-	19408-74-3	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 1,2,3,6,7,8-	57117-44-9	5.11E-04	4.85E-05	4.85E-05	ca						
HxCDF, 1,2,3,7,8,9-	72918-21-9	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,4,6,7,8-	60851-34-5	5.11E-04	4.93E-05	4.93E-05	ca						
HxCDF, 2,3,7,8-	55684-94-1	5.11E-04	4.93E-05	4.93E-05	ca						
Hydramethylnon	67485-29-4	1,070.	-	1,070.	nc						
Hydrazine	302-01-2	48,800.	0.232	0.232	ca						
Hydrazine Sulfate	10034-93-2	-	0.232	0.232	ca						
Hydrogen Chloride	7647-01-0	32,500,000.	-	100,000.	ceiling						
Hydrogen Cyanide	74-90-8	26.9	-	26.9	nc						
Hydrogen Fluoride	7664-39-3	3,130.	-	3,130.	nc						
Hydrogen Sulfide	7783-06-4	3,250,000.	-	100,000.	ceiling						
Hydroquinone	123-31-9	2,530.	9.04	9.04	ca						
Imazalil	35554-44-0	158.	8.88	8.88	ca						
Imazaquin	81335-37-7	15,800.	-	15,800.	nc						
Imazethapyr	81335-77-5	158,000.	-	100,000.	ceiling						
Iodine	7553-56-2	782.	-	782.	nc						
Iodomethane	74-88-4	-	-	3,040.	Csat						
Iprodione	36734-19-7	2,530.	-	2,530.	nc						
Isobutyl Alcohol	78-83-1	23,500.	-	10,000.	Csat						
Isophorone	78-59-1	12,600.	571.	571.	ca						
Isopropalin	33820-53-0	1,170.	-	1,170.	nc						
Isopropanol	67-63-0	7,920.	-	7,920.	nc						
Isopropyl Methyl Phosphonic Acid	1832-54-8	6,320.	-	6,320.	nc						
Isopropyltoluene, p-	99-87-6	-	-	162.	Csat						
Isosafrole	120-58-1	-	-	234.	Csat						
Isoxaben	82558-50-7	3,160.	-	3,160.	nc						
Lactofen	77501-63-4	506.	-	506.	nc						
Lead acetate	301-04-2	-	63.8	63.8	ca						
Lead Chromate	7758-97-6	1,560.	0.298	0.298	ca						
Lead Phosphate	7446-27-7	-	81.8	81.8	ca						
Lead subacetate	1335-32-6	-	63.8	63.8	ca						
Lewisite	541-25-3	0.391	-	0.391	nc						
Linuron	330-55-2	487.	-	487.	nc						
Lithium	7439-93-2	156.	-	156.	nc						
Lithium Perchlorate	7791-03-9	54.8	-	54.8	nc						
Malathion	121-75-5	1,260.	-	1,260.	nc						

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Maleic Anhydride	108-31-6	6,290.	-	6,290.	nc						
Maleic Hydrazide	123-33-1	31,600.	-	31,600.	nc						
Malononitrile	109-77-3	6.32	-	6.32	nc						
Mancozeb	8018-01-7	1,900.	-	1,900.	nc						
Maneb	12427-38-2	316.	-	316.	nc						
MCPA	94-74-6	31.6	-	31.6	nc						
MCPB	94-81-5	278.	-	278.	nc						
MCPP	93-65-2	63.2	-	63.2	nc						
Mephosfolan	950-10-7	5.69	-	5.69	nc						
Mepiquat Chloride	24307-26-4	1,900.	-	1,900.	nc						
Mercaptobenzothiazole, 2-	149-30-4	253.	49.3	49.3	ca						
Mercuric Chloride	7487-94-7	23.5	-	23.5	nc						
Merphos	150-50-5	2.35	-	2.35	nc						
Merphos Oxide	78-48-8	6.32	-	6.32	nc						
Metalaxyl	57837-19-1	3,790.	-	3,790.	nc						
Methacrylonitrile	126-98-7	7.63	-	7.63	nc						
Methamidophos	10265-92-6	3.16	-	3.16	nc						
Methanol	67-56-1	133,000.	-	100,000.	ceiling						
Methidathion	950-37-8	94.8	-	94.8	nc						
Methomyl	16752-77-5	1,580.	-	1,580.	nc						
Methoxy-5-nitroaniline, 2-	99-59-2	-	11.1	11.1	ca						
Methoxychlor	72-43-5	316.	-	316.	nc						
Methoxyethanol Acetate, 2-	110-49-6	144.	-	144.	nc						
Methoxyethanol, 2-	109-86-4	346.	-	346.	nc						
Methyl Acetate	79-20-9	78,200.	-	29,000.	Csat						
Methyl Acrylate	96-33-3	210.	-	210.	nc						
Methyl Ethyl Ketone (2-Butanone)	78-93-3	31,100.	-	28,400.	Csat						
Methyl Hydrazine	60-34-4	1.49	0.204	0.204	ca						
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	47,700.	-	3,360.	Csat						
Methyl Isocyanate	624-83-9	6.65	-	6.65	nc						
Methyl Mercaptan	74-93-1	-	-	3,130.	Csat						
Methyl Mercury	22967-92-6	7.82	-	7.82	nc						
Methyl Methacrylate	80-62-6	6,290.	-	2,360.	Csat						
Methyl methanesulfonate	66-27-3	-	5.48	5.48	ca						
Methyl Parathion	298-00-0	15.8	-	15.8	nc						
Methyl Phosphonic Acid	993-13-5	3,790.	-	3,790.	nc						
Methyl Styrene (Mixed Isomers)	25013-15-4	355.	-	355.	nc						
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	19.	-	19.	nc						
Methyl-2-Pentanol, 4-	108-11-2	-	-	2,450.	Csat						
Methyl-5-Nitroaniline, 2-	99-55-8	1,260.	60.3	60.3	ca						
Methylaniline Hydrochloride, 2-	636-21-5	-	4.17	4.17	ca						
Methylarsonic acid	124-58-3	632.	-	632.	nc						
Methylaziridine, 2-	75-55-8	-	-	100,000.	ceiling						
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	12.6	-	12.6	nc						
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	19.	5.43	5.43	ca						
Methylcyclohexane	108-87-2	-	-	67.6	Csat						
Methylcyclohexylamine, n-	100-60-7	-	-	5,700.	Csat						
Methylcyclopentane	96-37-7	-	-	155.	Csat						
Methylene Chloride	75-09-2	379.	61.8	61.8	ca						
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	126.	1.22	1.22	ca						
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	-	11.8	11.8	ca						
Methylenebisbenzenamine, 4,4'-	101-77-9	32,500,000.	0.339	0.339	ca						
Methylenediphenyl Diisocyanate	101-68-8	976,000.	-	100,000.	ceiling						
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	-	0.065	0.065	ca						
Methylstyrene, Alpha-	98-83-9	5,480.	-	500.	Csat						
Methyltriethyl Lead	1762-28-3	-	-	13.2	Csat						
Metolachlor	51218-45-2	9,480.	-	9,480.	nc						
Metribuzin	21087-64-9	1,580.	-	1,580.	nc						
Metsulfuron-methyl	74223-64-6	15,800.	-	15,800.	nc						
Mineral oils	8012-95-1	235,000.	-	0.342	Csat						
Mirex	2385-85-5	15.6	0.037	0.037	ca						
Molinate	2212-67-1	126.	-	126.	nc						
Monoaluminum phosphate	13530-50-2	3,800,000.	-	100,000.	ceiling						
Monoammonium phosphate	7722-76-1	3,800,000.	-	100,000.	ceiling						
Monocalcium phosphate	7758-23-8	3,800,000.	-	100,000.	ceiling						
Monochloramine	10599-90-3	7,820.	-	7,820.	nc						
Monomagnesium phosphate	7757-86-0	3,800,000.	-	100,000.	ceiling						
Monomethylaniline	100-61-8	126.	-	126.	nc						
Monopotassium phosphate	7778-77-0	3,800,000.	-	100,000.	ceiling						
Monosodium phosphate	7558-80-7	3,800,000.	-	100,000.	ceiling						
Myclobutanil	88671-89-0	1,580.	-	1,580.	nc						
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	19.	-	19.	nc						
Naled	300-76-5	156.	-	156.	nc						
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2,350.	-	2,350.	nc						
Naphthylamine, 2-	91-59-8	-	0.301	0.301	ca						
Napropamide	15299-99-7	7,590.	-	7,590.	nc						
Nickel Acetate	373-02-4	675.	16,900.	675.	nc						
Nickel Carbonate	3333-67-3	675.	16,900.	675.	nc						
Nickel Carbonyl	13463-39-3	829.	16,900.	829.	nc						
Nickel Hydroxide	12054-48-7	829.	16,900.	829.	nc						
Nickel Oxide	1313-99-1	838.	16,900.	838.	nc						
Nickel Subsulfide	12035-72-2	829.	0.409	0.409	ca						
Nickelocene	1271-28-9	675.	16,900.	675.	nc						
Nitrate	14797-55-8	125,000.	-	100,000.	ceiling						
Nitrite	14797-65-0	7,820.	-	7,820.	nc						
Nitroaniline, 2-	88-74-4	627.	-	627.	nc						
Nitroaniline, 4-	100-01-6	253.	27.1	27.1	ca						
Nitrobenzene	98-95-3	135.	7.42	7.42	ca						
Nitrocellulose	9004-70-0	190,000,000.	-	100,000.	ceiling						
Nitrofurantoin	67-20-9	4,420.	-	4,420.	nc						
Nitrofurazone	59-87-0	-	0.417	0.417	ca						
Nitroglycerin	55-63-0	6.32	31.9	6.32	nc						

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Nitroguanidine	556-88-7	6,320.	-	6,320.	nc						
Nitromethane	75-52-5	127.	7.8	7.8	ca						
Nitropropane, 2-	79-46-9	396.	0.02	0.02	ca						
Nitrosodiethanolamine, N-	1116-54-7	-	0.194	0.194	ca						
Nitrosodiethylamine, N-	55-18-5	-	8.12E-04	8.12E-04	ca						
Nitrosodimethylamine, N-	62-75-9	0.556	0.002	0.002	ca						
Nitroso-di-N-butylamine, N-	924-16-3	-	0.106	0.106	ca						
Nitroso-di-N-propylamine, N-	621-64-7	-	0.078	0.078	ca						
Nitrosodiphenylamine, N-	86-30-6	-	111.	111.	ca						
Nitrosomethylethylamine, N-	10595-95-6	-	0.023	0.023	ca						
Nitrosomethylvinylamine, N-	4549-40-0	-	-	10,800.	Csat						
Nitrosomorpholine [N-]	59-89-2	-	0.081	0.081	ca						
Nitroso-N-ethylurea, N-	759-73-9	-	0.005	0.005	ca						
Nitroso-N-methylurea, N-	684-93-5	-	0.001	0.001	ca						
Nitrosopiperidine [N-]	100-75-4	-	0.058	0.058	ca						
Nitrosopyrrolidine, N-	930-55-2	-	0.258	0.258	ca						
Nitrotoluene, m-	99-08-1	6.32	-	6.32	nc						
Nitrotoluene, o-	88-72-2	70.4	3.16	3.16	ca						
Nitrotoluene, p-	99-99-0	253.	33.9	33.9	ca						
Nonanol, n-	143-08-8	-	-	72.6	Csat						
Norflurazon	27314-13-2	948.	-	948.	nc						
OCDD	3268-87-9	0.17	0.016	0.016	ca						
OCDF	39001-02-0	0.17	0.016	0.016	ca						
Octabromodiphenyl Ether	32536-52-0	190.	-	190.	nc						
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3,860.	-	3,860.	nc						
Octamethylpyrophosphoramide	152-16-9	126.	-	126.	nc						
Octanol, n-	111-87-5	-	-	178.	Csat						
Octanone, 2-	111-13-7	-	-	360.	Csat						
Octanone, 3-	106-68-3	-	-	1,070.	Csat						
Octyl Phthalate, di-N-	117-84-0	632.	-	632.	nc						
Oleic acid	112-80-1	-	-	0.809	Csat						
Oryzalin	19044-88-3	8,850.	69.7	69.7	ca						
Oxadiazon	19666-30-9	316.	-	316.	nc						
Oxamyl	23135-22-0	1,580.	-	1,580.	nc						
Oxyfluorfen	42874-03-3	1,900.	7.41	7.41	ca						
Paclobutrazol	76738-62-0	822.	-	822.	nc						
Paraquat Dichloride	1910-42-5	284.	-	284.	nc						
Parathion	56-38-2	379.	-	379.	nc						
Pebulate	1114-71-2	3,910.	-	3,910.	nc						
PeCDD, 2,3,7,8-	36088-22-9	5.11E-05	4.93E-06	4.93E-06	ca						
PeCDF, 1,2,3,7,8-	57117-41-6	0.002	1.64E-04	1.64E-04	ca						
PeCDF, 2,3,4,7,8-	57117-31-4	1.70E-04	1.64E-05	1.64E-05	ca						
Pendimethalin	40487-42-1	1,900.	-	1,900.	nc						
Pentabromodiphenyl Ether	32534-81-9	156.	-	0.312	Csat						
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.32	-	6.32	nc						
Pentachlorobenzene	608-93-5	62.6	-	62.6	nc						
Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	5.11E-05	4.93E-06	4.93E-06	ca						
Pentachloroethane	76-01-7	-	7.72	7.72	ca						
Pentachloronitrobenzene	82-68-8	235.	2.67	2.67	ca						
Pentachlorophenol	87-86-5	245.	1.02	1.02	ca						
Pentaerythritol tetranitrate (PETN)	78-11-5	126.	136.	126.	nc						
Pentane, n-	109-66-0	1,170.	-	388.	Csat						
Pentyl Alcohol, N-	71-41-0	-	-	3,040.	Csat						
Perchlorate and Perchlorate Salts	14797-73-0	54.8	-	54.8	nc						
Perfluorobutane Sulfonate (PFBS)	375-73-5	1,260.	-	1,260.	nc						
Perfluorooctane Sulfonate (PFOS)	1763-23-1	1.26	-	1.26	nc						
Perfluorooctanoic acid (PFOA)	335-67-1	1.26	7.75	1.26	nc						
Permethrin	52645-53-1	3,160.	-	3,160.	nc						
Phenacetin	62-44-2	-	247.	247.	ca						
Phenmedipham	13684-63-4	15,200.	-	15,200.	nc						
Phenol	108-95-2	19,000.	-	19,000.	nc						
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	253.	-	253.	nc						
Phenothiazine	92-84-2	31.6	-	31.6	nc						
Phenyl Isothiocyanate	103-72-0	15.6	-	15.6	nc						
Phenylenediamine, m-	108-45-2	379.	-	379.	nc						
Phenylenediamine, o-	95-54-5	253.	4.52	4.52	ca						
Phenylenediamine, p-	106-50-3	63.2	-	63.2	nc						
Phenylmercuric Acetate	62-38-4	5.06	-	5.06	nc						
Phenylphenol, 2-	90-43-7	-	280.	280.	ca						
Phorate	298-02-2	12.6	-	12.6	nc						
Phosgene	75-44-5	0.443	-	0.443	nc						
Phosmet	732-11-6	1,260.	-	1,260.	nc						
Phosphine	7803-51-2	23.5	-	23.5	nc						
Phosphoric Acid	7664-38-2	3,080,000.	-	100,000.	ceiling						
Phosphorus, White	7723-14-0	1.56	-	1.56	nc						
Phthalic Acid, P-	100-21-0	63,200.	-	63,200.	nc						
Phthalic Anhydride	85-44-9	126,000.	-	100,000.	ceiling						
Picloram	1918-02-1	4,420.	-	4,420.	nc						
Picoline, 2-	109-06-8	-	-	100,000.	ceiling						
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.32	-	6.32	nc						
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	56.9	-	56.9	nc						
Piperidine	110-89-4	-	-	100,000.	ceiling						
Pirimiphos, Methyl	29232-93-7	4.21	-	4.21	nc						
Polybrominated Biphenyls	59536-65-1	0.442	0.018	0.018	ca						
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	976,000.	-	100,000.	ceiling						
Polyphosphoric acid	8017-16-1	3,800,000.	-	100,000.	ceiling						
Potassium Cyanide	151-50-8	156.	-	156.	nc						
Potassium Perchlorate	7778-74-7	54.8	-	54.8	nc						
Potassium Perfluorobutane Sulfonate	29420-49-3	1,260.	-	1,260.	nc						
Potassium Perfluorooctane Sulfonate	2795-39-3	1.26	-	1.26	nc						
Potassium Silver Cyanide	506-61-6	391.	-	391.	nc						
Potassium tripolyphosphate	13845-36-8	3,800,000.	-	100,000.	ceiling						

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Prochloraz	67747-09-5	569.	3.62	3.62	ca						
Profluralin	26399-36-0	469.	-	469.	nc						
Prometon	1610-18-0	948.	-	948.	nc						
Prometryn	7287-19-6	2,530.	-	2,530.	nc						
Propachlor	1918-16-7	822.	-	822.	nc						
Propanil	709-98-8	316.	-	316.	nc						
Propargite	2312-35-8	2,530.	16.6	16.6	ca						
Propargyl Alcohol	107-19-7	156.	-	156.	nc						
Propazine	139-40-2	1,260.	-	1,260.	nc						
Propham	122-42-9	1,260.	-	1,260.	nc						
Propiconazole	60207-90-1	6,320.	-	6,320.	nc						
Propionaldehyde	123-38-6	108.	-	108.	nc						
Propionitrile	107-12-0	-	-	15,600.	Csat						
Propionitrile, 3-(NN-dimethylamino)	1738-25-6	-	-	100,000.	ceiling						
Propyl Alcohol, n-	71-23-8	-	-	100,000.	ceiling						
Propyl benzene	103-65-1	4,490.	-	264.	Csat						
Propylene	115-07-1	3,180.	-	349.	Csat						
Propylene Glycol	57-55-6	1,260,000.	-	100,000.	ceiling						
Propylene Glycol Dinitrate	6423-43-4	442,000.	-	100,000.	ceiling						
Propylene Glycol Monoethyl Ether	1569-02-4	-	-	39,500.	Csat						
Propylene Glycol Monomethyl Ether	107-98-2	44,400.	-	44,400.	nc						
Propylene Oxide	75-56-9	465.	2.3	2.3	ca						
Propyzamide	23950-58-5	4,740.	-	4,740.	nc						
Pyridine	110-86-1	78.2	-	78.2	nc						
Quinalphos	13593-03-8	31.6	-	31.6	nc						
Quinoline	91-22-5	-	0.181	0.181	ca						
Quizalofop-ethyl	76578-14-8	569.	-	569.	nc						
Resmethrin	10453-86-8	1,900.	-	1,900.	nc						
Ronnel	299-84-3	3,910.	-	3,910.	nc						
Rotenone	83-79-4	253.	-	253.	nc						
Safrole	94-59-7	-	0.554	0.554	ca						
Selenious Acid	7783-00-8	391.	-	391.	nc						
Selenium Sulfide	7446-34-6	391.	-	391.	nc						
Selenourea	630-10-4	-	-	100,000.	ceiling						
Sethoxydim	74051-80-2	8,850.	-	8,850.	nc						
Silica (crystalline, respirable)	7631-86-9	4,880,000.	-	100,000.	ceiling						
Silver	7440-22-4	391.	-	391.	nc						
Silver Cyanide	506-64-9	7,820.	-	7,820.	nc						
Simazine	122-34-9	316.	4.52	4.52	ca						
Sodium acid pyrophosphate	7758-16-9	3,800,000.	-	100,000.	ceiling						
Sodium Acifluorfen	62476-59-9	822.	-	822.	nc						
Sodium aluminum phosphate (acidic)	7785-88-8	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (anhydrous)	10279-59-1	3,800,000.	-	100,000.	ceiling						
Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3,800,000.	-	100,000.	ceiling						
Sodium Azide	26628-22-8	313.	-	313.	nc						
Sodium Cyanide	143-33-9	78.2	-	78.2	nc						
Sodium Dichromate	10588-01-9	1,560.	0.298	0.298	ca						
Sodium Diethyldithiocarbamate	148-18-5	1,900.	2.01	2.01	ca						
Sodium Fluoride	7681-49-4	3,910.	-	3,910.	nc						
Sodium Fluoroacetate	62-74-8	1.26	-	1.26	nc						
Sodium hexametaphosphate	10124-56-8	3,800,000.	-	100,000.	ceiling						
Sodium Metavanadate	13718-26-8	78.2	-	78.2	nc						
Sodium Perchlorate	7601-89-0	54.8	-	54.8	nc						
Sodium polyphosphate	68915-31-1	3,800,000.	-	100,000.	ceiling						
Sodium trimetaphosphate	7785-84-4	3,800,000.	-	100,000.	ceiling						
Sodium tripolyphosphate	7758-29-4	3,800,000.	-	100,000.	ceiling						
Sodium Tungstate	13472-45-2	62.6	-	62.6	nc						
Sodium Tungstate Dihydrate	10213-10-2	62.6	-	62.6	nc						
Stirofos (Tetrachlorovinphos)	961-11-5	1,900.	22.6	22.6	ca						
Strontium Chromate	7789-06-2	1,560.	0.298	0.298	ca						
Strychnine	57-24-9	19.	-	19.	nc						
Styrene	100-42-5	7,410.	-	867.	Csat						
Sulfolane	126-33-0	63.2	-	63.2	nc						
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	50.6	-	50.6	nc						
Sulfur Mustard	505-60-2	-	-	1,050.	Csat						
Sulfur Trioxide	7446-11-9	1,630,000.	-	100,000.	ceiling						
Sulfuric Acid	7664-93-9	1,630,000.	-	100,000.	ceiling						
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3,160.	21.7	21.7	ca						
TCDD, 2,3,7,8-	1746-01-6	5.11E-05	4.82E-06	4.82E-06	ca						
TCDF, 2,3,7,8-	51207-31-9	5.11E-04	4.84E-05	4.84E-05	ca						
TCMTB	21564-17-0	1,900.	-	1,900.	nc						
Tebuthiuron	34014-18-1	4,420.	-	4,420.	nc						
Temephos	3383-96-8	1,260.	-	1,260.	nc						
Terbacil	5902-51-2	822.	-	822.	nc						
Terbufos	13071-79-9	1.96	-	1.96	nc						
Terbutryn	886-50-0	63.2	-	63.2	nc						
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.32	-	6.32	nc						
Tetrachlorobenzene, 1,2,4,5-	95-94-3	23.5	-	23.5	nc						
Tetrachloroethane, 1,1,1,2-	630-20-6	2,350.	2.78	2.78	ca						
Tetrachloroethane, 1,1,2,2-	79-34-5	1,560.	0.81	0.81	ca						
Tetrachlorophenol, 2,3,4,6-	58-90-2	1,900.	-	1,900.	nc						
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	-	0.035	0.035	ca						
Tetraethyl Dithiopyrophosphate	3689-24-5	31.6	-	31.6	nc						
Tetraethyl Lead	78-00-2	0.008	-	0.008	nc						
Tetrafluoroethane, 1,1,1,2-	811-97-2	147,000.	-	2,050.	Csat						
Tetrahydrofuran	109-99-9	23,300.	-	23,300.	nc						
Tetrahydrothiophene	110-01-0	-	-	2,180.	Csat						
Tetrapotassium phosphate	7320-34-5	3,800,000.	-	100,000.	ceiling						
Tetrasodium pyrophosphate	7722-88-5	3,800,000.	-	100,000.	ceiling						
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	156.	-	156.	nc						
Thallic Oxide	1314-32-5	1.56	-	1.56	nc						
Thallium (I) Nitrate	10102-45-1	0.782	-	0.782	nc						

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Thallium (Soluble Salts)	7440-28-0	0.782	-	0.782	nc						
Thallium Acetate	563-68-8	0.782	-	0.782	nc						
Thallium Carbonate	6533-73-9	1.56	-	1.56	nc						
Thallium Chloride	7791-12-0	0.782	-	0.782	nc						
Thallium Selenite	12039-52-0	0.782	-	0.782	nc						
Thallium Sulfate	7446-18-6	1.56	-	1.56	nc						
Thifensulfuron-methyl	79277-27-3	2,720.	-	2,720.	nc						
Thiobencarb	28249-77-6	632.	-	632.	nc						
Thiocyanic Acid	463-56-9	15.6	-	15.6	nc						
Thiodiglycol	111-48-8	5,380.	-	5,380.	nc						
Thiofanox	39196-18-4	19.	-	19.	nc						
Thiophanate, Methyl	23564-05-8	1,690.	46.8	46.8	ca						
Thiophene	110-02-1	-	-	1,800.	Csat						
Thiram	137-26-8	948.	-	948.	nc						
Tin	7440-31-5	46,900.	-	46,900.	nc						
Titanium Tetrachloride	7550-45-0	163,000.	-	100,000.	ceiling						
Toluene-2,4-diisocyanate	584-84-9	9.17	281.	9.17	nc						
Toluene-2,5-diamine	95-70-5	12.6	3.01	3.01	ca						
Toluene-2,6-diisocyanate	91-08-7	7.6	233.	7.6	nc						
Toluidine, o- (Methylaniline, 2-)	95-53-4	-	33.9	33.9	ca						
Toluidine, p-	106-49-0	253.	18.1	18.1	ca						
Toxaphene	8001-35-2	-	0.493	0.493	ca						
Tralomethrin	66841-25-6	474.	-	474.	nc						
Triacetin	102-76-1	5,060,000.	-	100,000.	ceiling						
Triadimefon	43121-43-3	2,150.	-	2,150.	nc						
Triallate	2303-17-5	1,960.	9.7	9.7	ca						
Trialuminum sodium tetra decahydrog	15136-87-5	3,800,000.	-	100,000.	ceiling						
Triasulfuron	82097-50-5	632.	-	632.	nc						
Tribenuron-methyl	101200-48-0	506.	-	506.	nc						
Tribromobenzene, 1,2,4-	615-54-3	391.	-	391.	nc						
Tributyl Phosphate	126-73-8	632.	60.3	60.3	ca						
Tributyltin chloride	1461-22-9	-	-	1,250.	Csat						
Tributyltin Oxide	56-35-9	19.	-	19.	nc						
Tricalcium phosphate	7758-87-4	3,800,000.	-	100,000.	ceiling						
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	9,640.	-	910.	Csat						
Trichloroacetic Acid	76-03-9	1,260.	7.75	7.75	ca						
Trichloroaniline HCl, 2,4,6-	33663-50-2	-	18.7	18.7	ca						
Trichloroaniline, 2,4,6-	634-93-5	1.9	77.5	1.9	nc						
Trichlorobenzene, 1,2,3-	87-61-6	62.6	-	62.6	nc						
Trichlorobenzene, 1,2,4-	120-82-1	80.8	24.	24.	ca						
Trichloroethane, 1,1,2-	79-00-5	2.16	1.59	1.59	ca						
Trichlorofluoromethane	75-69-4	23,500.	-	1,230.	Csat						
Trichlorophenol, 2,4,5-	95-95-4	6,320.	-	6,320.	nc						
Trichlorophenol, 2,4,6-	88-06-2	63.2	49.3	49.3	ca						
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	632.	-	632.	nc						
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	506.	-	506.	nc						
Trichloropropane, 1,1,2-	598-77-6	391.	-	391.	nc						
Trichloropropane, 1,2,3-	96-18-4	6.94	0.005	0.005	ca						
Trichloropropene, 1,2,3-	96-19-5	1.05	-	1.05	nc						
Tricresyl Phosphate (TCP)	1330-78-5	1,260.	-	1,260.	nc						
Tridiphane	58138-08-2	190.	-	190.	nc						
Triethyl Lead	5224-23-7	-	-	5,670.	Csat						
Triethyl phosphorothioate [O,O,O-]	126-68-1	-	-	233.	Csat						
Triethylamine	121-44-8	167.	-	167.	nc						
Triethylene Glycol	112-27-6	126,000.	-	100,000.	ceiling						
Trifluoroethane, 1,1,1-	420-46-2	21,400.	-	4,810.	Csat						
Trifluralin	1582-09-8	587.	90.3	90.3	ca						
Trimagnesium phosphate	7757-87-1	3,800,000.	-	100,000.	ceiling						
Trimethyl Lead	7442-13-9	-	-	308.	Csat						
Trimethyl Phosphate	512-56-1	632.	27.1	27.1	ca						
Trimethylbenzene, 1,2,3-	526-73-8	408.	-	293.	Csat						
Trimethylethyl Lead	1762-26-1	-	-	25.6	Csat						
Trimethylpentane, 2,2,4-	540-84-1	-	-	61.2	Csat						
Trimethylpentene, 2,4,4-	25167-70-8	782.	-	29.6	Csat						
Tri-n-butyltin	688-73-3	23.5	-	23.5	nc						
Trinitrobenzene, 1,3,5-	99-35-4	2,250.	-	2,250.	nc						
Trinitrotoluene, 2,4,6-	118-96-7	36.3	21.3	21.3	ca						
Triphenylphosphine Oxide	791-28-6	1,260.	-	1,260.	nc						
Tripotassium phosphate	7778-53-2	3,800,000.	-	100,000.	ceiling						
Tripropyl Lead	6618-03-7	-	-	3.08	Csat						
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1,260.	-	1,260.	nc						
Tris(1-chloro-2-propyl)phosphate	13674-84-5	632.	-	632.	nc						
Tris(2,3-dibromopropyl)phosphate	126-72-7	-	0.287	0.287	ca						
Tris(2-chloroethyl)phosphate	115-96-8	442.	27.1	27.1	ca						
Tris(2-ethylhexyl)phosphate	78-42-2	6,320.	170.	170.	ca						
Trisodium phosphate	7601-54-9	3,800,000.	-	100,000.	ceiling						
Tungsten	7440-33-7	62.6	-	62.6	nc						
Urethane	51-79-6	-	0.122	0.122	ca						
Vanadium Pentoxide	1314-62-1	663.	528.	528.	ca						
Vernolate	1929-77-7	78.2	-	78.2	nc						
Vinclozolin	50471-44-8	75.9	-	75.9	nc						
Vinyl Acetate	108-05-4	1,300.	-	1,300.	nc						
Vinyl Bromide	593-60-2	6.18	0.173	0.173	ca						
Warfarin	81-81-2	19.	-	19.	nc						
Xylene, m-	108-38-3	783.	-	388.	Csat						
Xylene, o-	95-47-6	915.	-	434.	Csat						
Xylene, P-	106-42-3	798.	-	390.	Csat						
Zinc Cyanide	557-21-1	3,910.	-	3,910.	nc						
Zinc Phosphide	1314-84-7	23.5	-	23.5	nc						
Zineb	12122-67-7	3,160.	-	3,160.	nc						
Zirconium	7440-67-7	6.26	-	6.26	nc						

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Test1Chem(DRO)	Wis. DRO										
Test2Chem(GRO)	Wis. GRO										
Test3Chem(TPH)	TPH										

Type BRRTS No. Here (If Known)

1.8E-07	0	0.0006	1.8E-07
cPAH Risk ≤ 5e-06 (to pass)	Exceedance Count = 0 (to pass)	HI ≤ 1.0 (to pass)	Cumulative CR ≤ 1e-05 (to pass)

Bottom-Line:

18. 03/14/2017 Yes, levels are below direct-contact concern.